Crop Problem Diagnosis Worksheet

Crop ___________________________ County/Location ___________________________
Farm/field ___________________________ Contact person ___________________________
Date/growth stage visited ____________
Date/stage problem 1st apparent ____________

Problem description (tentative diagnosis):

Distribution
single field-whole farm-whole region:
whole field-corner or edges-hoe drains:
repeating pattern (dimensions) or random:
abrupt or gradual transitions:
  (topography, land level, soil type, previous mgmt?):
estimated area affected:

Symptoms
(Note stunting; abnormal shape/color/spots; physical damage-defoliation, wilting, rotting)
Germination or emerging seedlings:
Leaves (older-younger / margins-middles / overall-spots-interveinal):
Stalk:
Apex:
Flowers/Fruits:
Roots (color, fine rooting, depth limitation, lesions, galls, nodules):
Visible insects? diseases? severe weed competition?

Site information:
Prior rotational crops (problems observed?)

Land development/drainage/irrigation: slope _____, leveled ________, ditches ________, tiles _____.
water control ________, irrigation __________

Tillage history (implements & depths)

Soil map unit ________ (accurate?) _______ County soil map sheet # and location ___________
Planting: Var ____________  Seed Trmt _____  Date _____  Depth _____  Seeding rate _____  Stand _____

Materials applied to crop: (lime, fertilizer, herbicides, insecticides, fungicides, growth regulators)

<table>
<thead>
<tr>
<th>Growth stage</th>
<th>Product</th>
<th>Usage restrictions?</th>
<th>Placement</th>
<th>Rate</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Pre-plant</td>
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<td>At planting</td>
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<td>Post-emergence</td>
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Adjacent field crop & spray history if suspect drift

Previous crop & chemical applications if suspect carryover

Weather – unusual events
Since previous harvest?
before or after planting?
early/mid growing season?

Supporting data

<table>
<thead>
<tr>
<th>Type</th>
<th>Lab</th>
<th>Report #</th>
<th>Sample #</th>
<th>Diagnosis/Recommendation</th>
<th>Application?</th>
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</thead>
<tbody>
<tr>
<td>Routine soil</td>
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<td>Problem soil</td>
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<td>Plant tissue</td>
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<td>Nematode</td>
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<td>Insect/disease</td>
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<td>Other</td>
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