Plant Science Unit Scouting Report

Date 10/1/01
Project Leader Boucias, Drion
Crop Soybeans
Moisture 3-4"
Weeds Low to Moderate
Insects moderate
Nutrients cutting out
Disease Low to Moderate
Comments 10-15% of crop totally defoliated rest of crop 85% or better defoliated, few worms, grasshoppers, ants

Date 10/1/01
Project Leader Chambliss, Carrol
Crop Alyceclover
Moisture 5-6"
Weeds Very High
Insects High
Nutrients Pale Green
Disease Low to Moderate
Comments starting to seed, grass hoppers, worms, feeding damage on leaves,

Date 10/1/01
Project Leader Chambliss, Carrol
Crop Forages
Moisture 4-5"
Weeds low
Insects Moderate to High
Nutrients Pale Green
Disease High
Comments pale green in color, lower leaves yellowing, some worms especially in bean crops, grasshoppers, very high rust, high disease, red leafspot lesions turning necrotic

Date 10/1/01
Project Leader Chambliss, Carrol
Crop Summer Annual Grass
Moisture 3-4"
Weeds Moderate to High
Insects Moderate to High
Nutrients Pale Green
Disease Moderate to High
Comments pale green and lower leaves yellowing, looks like nutrient def., grasshoppers, few worms, rust, and some disease showing on leaves, long red lesions turning necrotic, and dying off, very high crow foot grass
<table>
<thead>
<tr>
<th>Date</th>
<th>10/1/01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Leader</strong></td>
<td>Dickson, Don</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>Tomatoes</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>Moist</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>moderate</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Good Color</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>moderate</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>few whiteflies, low worm pressure, some specs of brown on lower leaves, could be disease, few dead plants, looks injury from the ground up the stem of the plant, bacterial rot, ???</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>10/1/01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Leader</strong></td>
<td>Galaher, Raymond</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>Cotton</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6&quot;</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>moderate</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>moderate</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>red and defoliating</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>moderate</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>crop is defoliating, bolls opening, few worms, dayflower crop is 40% or so bolls opened</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>10/1/01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Leader</strong></td>
<td>Galaher, Raymond</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>Forages</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6&quot;</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>low</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>Very High</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Good Color</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>High</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>cew, faw, velvet bean caterpillar, rust, cow peas starting to defoliate</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>10/1/01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Leader</strong></td>
<td>Galaher, Raymond</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>Peanuts</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6&quot;</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>Very High</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Good Color</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>Very High</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>tswv, leafspot, rust, sooty mold, defoliating in canopy, dayflower, some plants wilting and dying</td>
</tr>
<tr>
<td>Date</td>
<td>10/1/01</td>
</tr>
<tr>
<td>------------</td>
<td>---------</td>
</tr>
<tr>
<td><strong>Project Leader</strong></td>
<td>Gallaher, Raymond</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>sunn hemp</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6&quot;</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Good Color</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>10/1/01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Leader</strong></td>
<td>MacDonald, Greg</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>grass study</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6&quot;</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Good Color</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>10/1/01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Leader</strong></td>
<td>MacDonald, Greg</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>Mixed Crop</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6&quot;</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>Moderate to High</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>moderate</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Good Color</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>most worms are white and dead, some worms, loopers are small and active, grasshoppers, stinkbugs, rust, grasses,</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>10/1/01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Leader</strong></td>
<td>MacDonald, Greg</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>Senna</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6&quot;</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>Moderate to High</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Good Color</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>plants getting big and rank, some limbs breaking off, weeds up to 30&quot; high mostly grasses, few grasshoppers,</td>
</tr>
<tr>
<td>Date</td>
<td>10/1/01</td>
</tr>
<tr>
<td>------------</td>
<td>---------</td>
</tr>
<tr>
<td><strong>Project Leader</strong></td>
<td>Prine, Gordon</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>Castor</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6”</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>Very High</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>Moderate</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Good Color</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>moderate</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>lower leaves falling off and turning yellow, indigo, grasshoppers, few worms, leafhoppers, leaves curling, heat stresses</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>10/1/01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Leader</strong></td>
<td>Prine, Gordon</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>Elephant Grass</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6”</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>Moderate to High</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Good Color</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>grasshoppers</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>10/1/01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Leader</strong></td>
<td>Prine, Gordon</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>Perennial Peanuts</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6”</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>moderate</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Good Color</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>indigo, and few other weeds, Bermuda grass</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>10/1/01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Leader</strong></td>
<td>Prine, Gordon</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>Pigeon Peas</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6”</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>Moderate to High</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>moderate</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Good Color</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>few small velvet bean caterpillars, large indigo, pigweed, and other weeds</td>
</tr>
<tr>
<td>Date</td>
<td>10/1/01</td>
</tr>
<tr>
<td>--------</td>
<td>---------</td>
</tr>
<tr>
<td><strong>Project Leader</strong></td>
<td>Scholberg, Johan</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>sunn hemp</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6&quot;</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>moderate</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Good Color</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>lower leaves yellowing, few grasshoppers, low worm pressure, several grasses and broadleaf weeds up to 24&quot; tall crop is 5 ft tall and flowering</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>10/1/01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Leader</strong></td>
<td>Sinclair, Tom</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>Sugarcane</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6&quot;</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>moderate</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>moderate</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Pale Green</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>grasshoppers,</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>10/1/01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Leader</strong></td>
<td>Treadaway-Ducar, Joyce</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>Cotton</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>4-5&quot;</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>Moderate to High</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Pale Green</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>grasshoppers, low worms, few aphids and whiteflies, stinkbugs, some plants defoliating some are not.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>10/1/01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Leader</strong></td>
<td>Wood, Harry</td>
</tr>
<tr>
<td><strong>Crop</strong></td>
<td>Peanuts</td>
</tr>
<tr>
<td><strong>Moisture</strong></td>
<td>5-6&quot;</td>
</tr>
<tr>
<td><strong>Weeds</strong></td>
<td>Low to Moderate</td>
</tr>
<tr>
<td><strong>Insects</strong></td>
<td>Moderate to High</td>
</tr>
<tr>
<td><strong>Nutrients</strong></td>
<td>Good Color</td>
</tr>
<tr>
<td><strong>Disease</strong></td>
<td>High</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>some plants wilting and dying, rust, tsyv, leafspot, sooty mold, whiteflies, some dayflower and nutsedge on south end of field.</td>
</tr>
</tbody>
</table>