| | rectio | If less than 40 anhide | s are on the entire pl | ant mark a '—' for |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------|
| 'Speed Scouting' for Soybean Aphid | 1. Go to the first plant at random. If less than 40 applies are on the entire plant, mark a — for that non-infested plant. If at least 40 aphids are on that plant, (STOP COUNTING once you reach 40 - this is the speedy part) and mark a '+' for that infested plant. Choose a direction at random and walk 30 rows or 30 paces to the next plant. | If less than 40 aprilos east 40 aphids are on the eart) and mark a '+' for the rr 30 paces to the next; | s are on the entire puthat plant, (STOP CO that infested plant, C plant, | unt, mark a — tor UNTING once you hoose a direction |
| 40 or more aprilos per plant – intested plant | 2. Repeat step #1 until a minimum of 11 plants are sampled. Sample different areas of the field and not just the edge! Make a decision by using the total number of infested plants the total number of +'s. If no decision can be made (7-10 plants with a '+'), sample the n 5 plants for a total of 16 plants. | ttep #1 until a minimum of 11 plants are sampled. Sample different areas of the not just the edge! Make a decision by using the total number of infested plants or number of +'s. If no decision can be made (7-10 plants with a '+'), sample the next for a total of 16 plants. | pled. Sample differe the total number of 7-10 plants with a '+' | infested plants or), sample the next |
| · | Sample additional sets of 5 plants until a treatment decision can be made. Always u total number of plants to make a decision using the guidelines below. Continue with additional sets until 31 plants have been sampled. | ants until a treatment de a decision using the g have been sampled. | ecision can be made uidelines below. Co | . Always use the ntinue with |
| | 4. After sampling 31 plants, use the total number of infested plants to make treatment decision. If no decision can be made that day (23-26 plants with a '+'), resample the field in 3-4 days. | pling 31 plants, use the total number of infested plants to make treatment If no decision can be made that day (23-26 plants with a '+'), resample that same I days. | sted plants to make plants with a '+'), re | treatment sample that same |
| Field: Sample 1 Date: 23 July 2004 Deci | Decision: Do not treat | | | |
| Use these notations = 39 or less aphids/plant (non-infested plant) OR for every plant: = 40 or more aphids/plant (infested plant) | ▼ Total # of infested plants | Do NOT treat, resample every 7-10 days | Continue sampling next set of 5 plants | TREAT within 7 days, resample every 7-10 days |
| | • | 6 or less | 7-10 | 11 or more |
| | ▼ 2 + 3 - - - - - - - - - - - - - | | | |
| Remember: if you 12 13 14 15 16 | | 10 or less | | 15 or more |
| sampling, add the previous infested 17 18 19 20 21 | | 14 or less | 15-18 | 19 or more |
| plants with new counts to make 22 23 24 25 26 | • + • | 18 or less | 19-22 | 23 or more |
| | ▼ ▼ | 22 or less | 23-26 | 27 or more |
| Plant stage: R3, beginning pod set | | | ک | |
| Other notes First visit to this field. Plants look healthy and lots of | in a be a decision | Str | Stop sampling, must | |
| I will try to sample again in 7-10 days when pods are forming. | are forming. | | field in 3-4 days | |
| | | | | |

| Plant stage: <i>RL</i> , full bloom Other notes: First time to this field. Some plants look yellow and stunted (not healthy), and lots of honey dew on plants. I spent 15 minutes in the field and will recommend a treatment ASAP. field in 34 days | → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → → | plants with new $\begin{array}{c} \hline \\ counts to make \\ the next decision! \\ \end{array}$ | previous infested 17 18 19 20 21 $4 + 4 + 4 + 5 + 14 = 17$ 14 or less 15-18 19 | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 6 or less 7-10 | Use these notations — = 39 or less aphids/plant (non-infested plant) Total # of Do NOT treat, Continue TREAT OR OR OR infested plants resample every sampling next days, resemple overy plant: + = 40 or more aphids/plant (infested plant) infested plants 7-10 days set of 5 plants every 7 | Field: Xmple L Date: 15 July 2004 Decision: TREAT | 4. After sampling 31 plants, use the total number of infested plants to make treatment decision. If no decision can be made that day (23-26 plants with a '+'), resample that same field in 3-4 days. | Sample additional sets of 5 plants until a treatment decision can be made. Always use the total number of plants to make a decision using the guidelines below. Continue with additional sets until 31 plants have been sampled. | 40 OF THOLE APTING PEL PIAITE THESTED PIAITE 2. Repeat step #1 until a minimum of 11 plants are sampled. Sample different areas of the field and not just the edge! Make a decision by using the total number of infested plants or the total number of +'s. If no decision can be made (7-10 plants with a '+'), sample the next 5 plants for a total of 16 plants. | Directions: Directio |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| nust same | 27 or more | 23 or more | 19 or more | 15 or more | 11 or more | TREAT within 7 t days, resample s every 7-10 days | | ake treatment), resample that same | ade. Always use the Continue with | fferent areas of the r of infested plants or a '+'), sample the next | e plant, mark a '—' for COUNTING once you t. Choose a direction |

| Plant stage: Vb, late vegetative Other notes: Aphids seem patchy. Lots of aphids on some plants, but some nearly zero. I also see many winged aphids that might might away. I will resumple in 3 days to see if populations are increasing or crashing out. The same field in 3-4 days | $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | sampling, add the $+$ $+$ $+$ $ +$ $+$ $//2 = 17$ $+$ 14 or less 15-18 previous infested 17 18 19 20 21 $ +$ $1/2 = 17$ $+$ 14 or less 15-18 | $\frac{1}{12} + \frac{1}{13} + \frac{1}{15} + \frac{1}{16} + \frac{1}{12} + \frac{1}{10} + \frac{1}{11} $ | 6 or less 7-10 | Use these notations — = 39 or less aphids/plant (non-infested plant) Total # of Presample every sampling next for every plant: + = 40 or more aphids/plant (infested plant) → infested plants → 7-10 days set of 5 plants withrough pod set + 40 or more aphids/plant (infested plant) + infested plants + 10 days set of 5 plants + 10 days + | Field: Sample S Date: 29 June 2004 Decision: Resample 2 July | 4. After sampling 31 plants, use the total number of infested plants to make treatment decision. If no decision can be made that day (23-26 plants with a '+'), resample that same field in 3-4 days. | Sample additional sets of 5 plants until a treatment decision can be made. Always use the total number of plants to make a decision using the guidelines below. Continue with additional sets until 31 plants have been sampled. | 40 Of THOLE ADTINS DEFINITION FOR THESTED DIGITE 2. Repeat step #1 until a minimum of 11 plants are sampled. Sample different areas of the field and not just the edge! Make a decision by using the total number of infested plants or the total number of +'s. If no decision can be made (7-10 plants with a '+'), sample the next 5 plants for a total of 16 plants. | (Speed Scouting' for Soybean Aphid Go to the first plant at random. If less than 40 aphids are on the entire plant, mark a '' for that non-infested plant. If at least 40 aphids are on that plant, (STOP COUNTING once you reach 40 - this is the speedy part) and mark a '+' for that infested plant. Choose a direction at random and walk 30 rows or 30 paces to the next plant. | Directio |
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| ng, must ple same I days | 27 or more | 2 23 or more | 3 19 or more | 4 15 or more | 11 or more | ue TREAT, next schedule plants within 7 days | | to make treatment a '+'), resample that same | be made. Always use the low. Continue with | le different areas of the imber of infested plants or with a '+'), sample the next | entire plant, mark a '' for TOP COUNTING once you plant. Choose a direction | |