

The Crop Variety/Field Scouting Information Form was developed by a team of OSU Extension Agents to provide a tool to Ohio farmers to keep track of resistance genes/types of resistance deployed and their effectiveness against many of the pathogens and insects in Ohio production fields. This sheet should easily become part of

the records for a given field in crop production. From the seed company literature, record the name of the variety, the resistance gene (*Rps* gene) and partial resistance score for Phytophthora, if the variety has resistance to Sclerotinia or which source of SCN

resistance. Throughout the year, record if any of these soybean diseases developed in this field on this variety. Also record, if conditions for disease development ever occurred. If no disease developed in your area, then the resistance performance can not be evaluated; however, if disease was prevalent, the data on this sheet can be used in future variety selections.

## Soybeans

Variety Planted \_\_\_\_\_

Variety Resistance Information:

|  |  |  |
|--|--|--|
| Relative Maturity                                | Sclerotinia  |  |
| Phytophthora <i>Rps</i> genes 1a, 1b, 1c, 1k, 3a | Source of SCN Resistance P188788, Peking, or Hartwig |  |
| Phytophthora Partial Resistance                  |  |  |

SCN test results eggs / 200 cc \_\_\_\_\_

Ratings scored 1 to 9, 9 = susceptible or resistant. Check; some companies use opposite scores.

### Field Scouting Information for Disease and Insects

Check fields early, mid, and late season. Date when disease or insects are found.

|                |                       |  |
|----------------|-----------------------|--|
| Phytophthora   | Bean Leaf Beetle      |  |
| Sclerotinia    | Slugs                 |  |
| SCN            | Spider Mites          |  |
| Brown Stem Rot | Japanese Beetle       |  |
| SDS            | Grass-hopper          |  |
| Others         | Western Corn Rootworm |  |

## Corn

Hybrid Planted \_\_\_\_\_

Variety Resistance Information:

|                           |                                  |  |
|---------------------------|----------------------------------|--|
| Maturity                  | Rating for Stewart's Leaf Blight |  |
| Rating for Anthracnose    | Stalk Rot                        |  |
| Rating for Gray Leaf Spot | Ear Rot                          |  |

Ratings scored 1 to 9, 9 = susceptible or resistant. Check; some companies use opposite scores.

### Field Scouting Information for Disease and Insects

Check fields early, mid, and late season. Date when disease or insects are found.

|                         |                     |  |
|-------------------------|---------------------|--|
| Anthracnose Leaf Blight | Cutworm             |  |
| Stewart's Leaf Blight   | Rootworm            |  |
| Gray Leaf Spot          | European Corn Borer |  |
| Stalk Rot               | Slugs               |  |
| Ear Rot                 | Armyworm            |  |
| Others                  | Flea Beetles        |  |

## Wheat

Variety Planted \_\_\_\_\_

Variety Resistance Information:

|                |                           |  |
|----------------|---------------------------|--|
| Powdery Mildew | Stagonospora Leaf Blotch  |  |
| Leaf Rust      | Stagonospora Glume Blotch |  |
| Head Scab      | Wheat Yellow Mosaic       |  |

Ratings scored 1 to 9, 9 = susceptible or resistant. Check; some companies use opposite scores.

### Field Scouting Information for Disease and Insects

Check fields early, mid, and late season. Date when disease or insects are found.

|                     |                    |  |
|---------------------|--------------------|--|
| Powdery Mildew      | Cereal Leaf Beetle |  |
| Leaf Rust           | Armyworm           |  |
| Stagonospora        | Hessian Fly        |  |
| Head Scab           | Cereal Aphids      |  |
| Wheat Yellow Mosaic | Others             |  |
| Barley Yellow Dwarf |                    |  |