

RESTRICTED USE (RU) PESTICIDE APPLICATION JOB SHEET PEST MANAGEMENT (595)



SITE INFORMATION

Producer _____	Crop _____	
Year _____	Tillage Method _____	
Tract & Field No. _____	Soil Test Info _____	
Acres _____	pH _____	
County _____	Organic Matter _____	

PESTICIDE APPLICATION SKETCH - Attach Map or Sketch Each Application Area to the Right ➔➔

Legal Description: _____, _____, Section ____, Township ____N, Range ____ E or W, _____ County

To conduct a WIN-PST analysis:

1. Choose all the major soil types for the field or planning area (generally those that cover 10% or more of the area).
2. Choose all the pesticides that the client is planning to use.
3. Analyze the results for each soil/pesticide interaction. Print hard copy of WIN-PST reports results for all soil/pesticide combinations for the clients file.
4. Then select the highest hazard soil/pesticide combination for the identified natural resource concerns to plan appropriate mitigation. In the space below, provide the following information based on the highest hazard soil/pesticide combination.

PESTICIDE APPLICATION INFORMATION

	Planned Actions (1)			*Actual (2)			*Plan Revision/Notes (3)
Soil Map Unit & Texture (4)							
Target Pest (5)							
Pesticide (Product Name) (6)							
EPA Registration No (7).							
Application Rate (8)							
Time & Method (9)							
Analysis Tool (10)							
Leaching Potential & Hazard Rating (11)	Leaching	Human	Fish	Leaching	Human	Fish	
Solution Runoff Potential & Hazard Rating (12)	Solution	Human	Fish	Solution	Human	Fish	
Adsorbed Runoff Potential & Hazard Rating (13)	Adsorbed		Fish	Adsorbed		Fish	
Minimum Mitigation Index Score Level Needed(14)							
Mitigation Techniques (15)							
Applicator Name (16)							
Applicator's Certification No. (17)							
Total Amount Applied (18)							
Application Date (mo/d/yr) (19)							
Crop Stage at Application (20)							

IRRIGATION INFORMATION - *Where SMD = Soil Moisture Deficiency

Irrigation Dates	Inches Applied	*SMD (in.)	Irrigation Dates	Inches Applied	*SMD (in.)

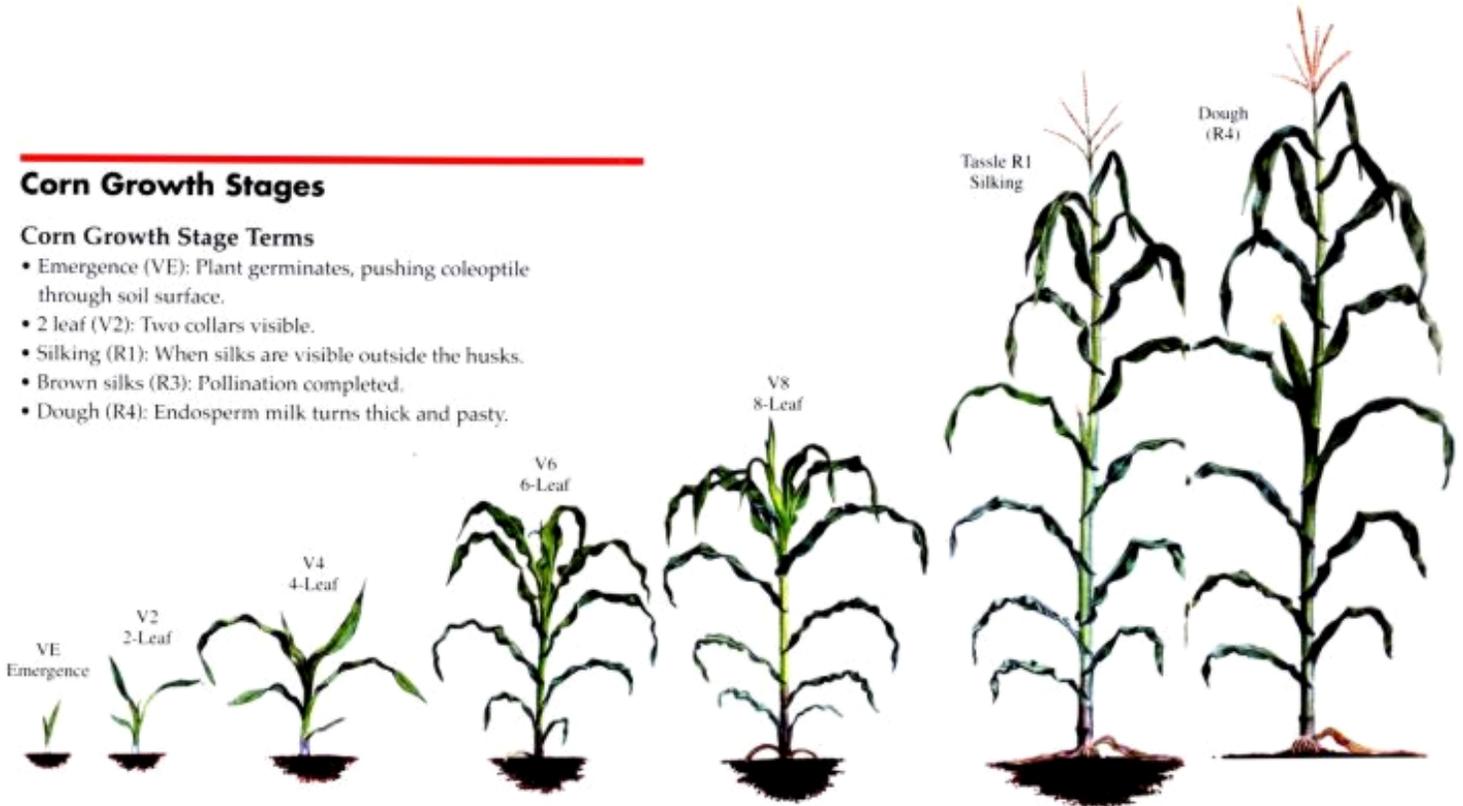
(NOTE: Records must be maintained for 3 years)

*This practice has been applied as designed. (Client's Signature) _____ (Date) _____

Corn Growth Stages

Corn Growth Stage Terms

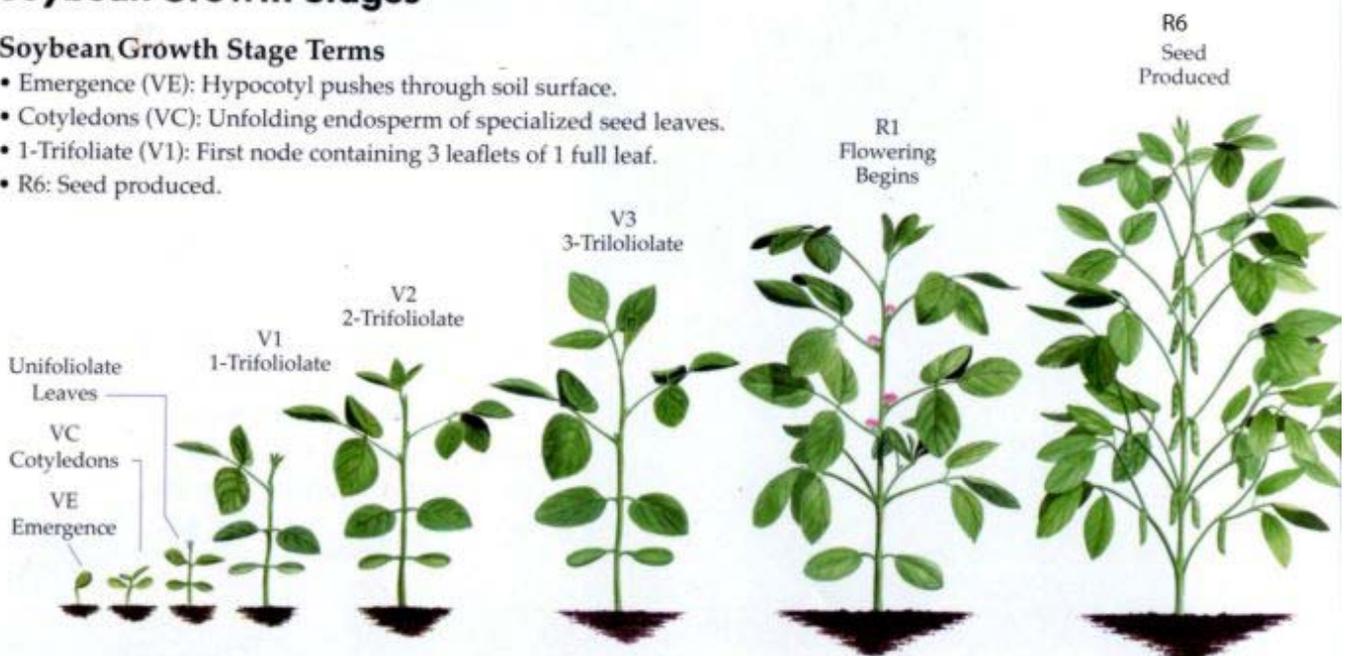
- Emergence (VE): Plant germinates, pushing coleoptile through soil surface.
- 2 leaf (V2): Two collars visible.
- Silking (R1): When silks are visible outside the husks.
- Brown silks (R3): Pollination completed.
- Dough (R4): Endosperm milk turns thick and pasty.



Soybean Growth Stages

Soybean Growth Stage Terms

- Emergence (VE): Hypocotyl pushes through soil surface.
- Cotyledons (VC): Unfolding endosperm of specialized seed leaves.
- 1-Trifoliolate (V1): First node containing 3 leaflets of 1 full leaf.
- R6: Seed produced.



PEST MANAGEMENT INSTRUCTIONS

References: Nebraska Conservation Planning Sheet No. 10, Cooperative Extension Guide for Herbicide Use in Nebraska and Insect Management Guide (for current year) for additional guidance for Developing a Pest Management Plan.

Restricted Use Pesticide Application Records – Private Applicator Restricted Use Pesticide Record Keeping Requirements

Federal & State pesticide laws require the following information be recorded for Restricted Use Pesticides (RUP):

- Pesticide brand or product name and EPA Registration Number.
- Total amount of pesticide applied (calculated by taking rate per acre multiplied by total acres treated).
- Location of pesticide application (you may use any of the following methods): County/Range/Township/Section; Maps with written descriptions; maps with global positioning system references; legal property descriptions.
- Size of area treated (in acres, miles, feet, etc.).
- Crop, commodity, or site to which the pesticide was applied.
- The month, day, and year on which the pesticide was applied.
- The name & certification number of the person who applied the pesticide.

NOTE: RUP applications made on the same day to a total area of less than one-tenth (1/10) of an acre requires the following information to be recorded:

- Brand or product name and EPA Registration number of pesticide applied.
- Total amount of pesticide applied.
- Location of the application is designated as “spot application”.
- Month, day, and year of application.

Other Requirements:

- Records can be kept on any legible format, including notebooks, forms, recordkeeping books, or computer files (always print a hard copy in case of computer failure).
- Private applicators must record RUP applications within 14 days following the application.
- Record information must be accessible to health care professionals in case of medical emergency requiring medical treatment or first aid for possible pesticide poisoning or exposure.
- Records must be maintained for 3 years.

General Instructions /Description Numbered Items as referenced on page one.

1) Planned Actions:

- a. All entries in this column detail the planned IPM program for the current crop year.

2) Actual:

- a. All entries in this column are for recording the actual IPM program carried out.

3) Plan Revision Comments:

- a. Explain any deviations from planned actions or special comments supporting pesticide program (may need to attach sheets).

4) Soil Map Unit & Texture:

- a. Provide the soil type for the highest hazard soil/pesticide combination for the natural resource concern determined from WIN-PST.

5) Target Pest:

- a. Record known weed(s) or insect(s) being treated based on history (pre-emergent treatments) and/or scouting (post-emergent).
- b. If actual weed(s) or insect(s) that are present are different than planned, record weed(s) or insect(s) to be treated.
- c. Explain any deviations from planned actions or special notes/comments supporting pesticide program.

6) Pesticide Name:

- a. Record the Brand or Product Name; that is the trademark name of the pesticide being used.

7) EPA Registration Number:

- a. The Environmental Protection Agency (EPA) Registration Number. The registration number is not the same as the EPA Establishment Number, which is also located on the label.

8) Application Rate:

- a. Record the application rate per acre in pints, quarts, ounces, or pounds; ounces per 1,000 sq. feet, etc. as appropriate. For spot treatment, indicate mixture rates. Record the Total Amount Applied in common units of measure (pints, quarts, gallons, etc.).

9) Time & Method of Application:

- a. Describe when the pesticide will be applied (pre-emergent, post-emergent, pre-plant, etc.) and method (banded, broadcast/surface, aerial, broadcast/incorporated, etc.)

10) Analysis Tool: NRCS Windows Pesticide Screen Tool (WIN-PST) – Always use the most recent version.

- a. Record the analysis tool used to evaluate the potential loss of pesticides to surface & groundwater and the negative impacts to humans, plants, & animals.
- b. The UNL WEEDSOFT Program can be substituted for leaching loss potential when runoff solution/absorbed is not a concern of the site.

11) Soil / Pesticide Interaction Leaching Potential and Hazard Rating:

- a. Record Leaching Potential based on the Soil / Pesticide Interaction Report from WIN-PST and the hazard rating for human & fish.

12) Soil / Pesticide Interaction Runoff Potential and Hazard Rating:

- a. Record Solution Runoff Potential based on the Soil / Pesticide Interaction Report from WIN-PST and the hazard rating for human & fish.

13) Soil / Pesticide Interaction Adsorbed Potential and Hazard Rating:

- a. Record Adsorbed Runoff Potential based on the Soil / Pesticide Interaction Report from WIN-PST for the hazard rating for human & fish.

14) Minimum Mitigation Index Score Level Needed:

- a. Record the Mitigation Index Score Level based on the highest hazard rating for the resource of concern from the table below (provided from Standard 595).

WIN-PST Identified Hazard Rating	Minimum Mitigation Index Score Level Needed
Low or Very Low	None Needed
Intermediate	20
High	40
Extra High	60 or more

15) Mitigation Technique:

- a. Mitigation technique(s) shall be developed for the highest hazard soil/pesticide combination for the identified natural resource concern(s).
- b. Record mitigation technique (s) needed to satisfy the Hazard Rating (refer to NE Tech. Note 110 Tables I & II).
- c. The mitigation technique(s) planned must not already be accounted for in the risk assessment.

16) Certified Applicator Name:

- a. Record the name of the certified applicator who applied or who supervised the person making the application.

17) Certified Applicator's Certification Number:

- a. Record the certification number of the certified applicator who applied or who supervised the person making the application.

18) Total Amount of Pesticide Applied:

- a. Record the Total Amount Applied in common units of measure (pints, quarts, gallons, etc.)

19) Application Date:

- a. Record the date of the pesticide application, including month, day and year.

20) Crop Stage at Time of Application:

- a. Provide a description of the crop stage at the time of application. (See page 2)