Upper Big Blue NRD

Phase II & III/Hastings Wellhead Protection Groundwater Management Area Report For 2025 - 2026 Crop Year

Please follow the instructions below for each column of the report form.
Each line may be used to report information for one field, up to 12 fields may be reported on one form.

Column #1 **Legal Description** - Enter legal description that best describes the field location. Example: SW4 6-T10N-R02W.

Column #2 **Farm Name** - Optional description that you use to identify this field. Example: West 80 or Home Place.

Column #3 **Was crop irrigated in 2025 YES/NO? - Enter YES or NO. DO NOT combine irrigated and dryland fields or different crops or crop history into one line/row. Always list irrigated and dryland field acres as different fields (in different line on report). This includes pivot corners. Example, Dryland corners on the same center pivot with the same crop history may be combined into one field if the same crop was grown.**

Column #4 **Crop grown in 2025? Reminder: If you grew corn on 150 acres in 2025 and in 2026 you plan to grow 75 acres of corn and 75 acres of soybeans on those acres you must enter each field separately.**

Column #5 **Actual yield (bu/acre)? List bushels/acre harvested in 2025 from the field**

Column #6 **Acres in field?** List the number of crop acres in this field

Column # 7 **PRE PLANT N applied for 2025 crop lbs/acre? How much nitrogen fertilizer was applied before planting for the 2025 harvested last fall?**

Column # 8 **POST PLANT N applied for 2025 crop (lbs./ac.)? How much nitrogen fertilizer was applied after planting for the 2025 harvested last fall?**

Column # 9 **Inhibitor Used YES/NO? - Enter YES or NO.** List the name of the product used on the top of the form. If more than one product is used please list them all.

Column # 10 **Crop planned for 2026? What crop will you plant in this field in 2026**

If you plan to grow any crop other than corn, corn silage, popcorn or milo in a field in 2026 you DO NOT need to complete columns 11 thru 19.

Column # 11 **Expected yield for 2026 crop (bu./ac/)? The University of Nebraska recommends that expected year be calculated by taking the average for the last 5 years and adding 5 percent Example : YR 1 = 200, YR 2 = 210, YR 3 = 195, YR 4 = 225, YR 5 = 215 Average = 209 X 1.05 = 220 bu/acre expected yield.**

Column #12 **Deepest soil samples taken for 2026 crop? Enter depth in inches. Example: 24 or if you did not soil sample due to rotation enter 0 or none. These samples should have been taken in the fall of 2025 or the winter of 2026 before fertilizer application. IT IS REQUIRED TO INCLUDE A COPY OF THE SOIL SAMPLE**

Column #13 **Percent organic matter?** This should be on your soil test results for the shallow (0-8") samples. If the actual organic matter is not known, use 2%.

Column #14 **UNL total N Needed (lbs/acre)?** Refer to the TOTAL NITROGEN NEEDED tables provided for the crop to be planted.

Column #15 **Soil Nitrate ppm ?** This is on your soil test results. If a shallow and deep sample were taken the two samples must be averaged. If a partial soil sample is taken (shallow only, 0" to 8" due to rotation) use 3 ppm for the deep area. The average ppm can be found on Table 5 - CARRYOVER NITRATE NITROGEN.

Column #16 **Residual Soil N (lbs/acre)?** Multiply the ppm in column 15 by 8. (Example: 6X8 =48) If no soil tests were taken enter 24.

Column #17 **N from previous crop (lbs/acre)?** For soybean credit use 45 lbs. For alfalfa or other legume refer to Table 6 - PREVIOUS LEGUME CROP CREDIT.

Column # 18 **N from Other Sources?** Nitrogen may be available from other sources such as irrigation water or livestock waste. If use had your irrigation water tested for nitrate refer to Table 7 -NITROGEN FROM IRRIGATION WATER. If you applied livestock waste refer to Table 8 - NITROGEN FOR OTHER SOURCES.

Column # 19 **UNL Recommended N Rate (lbs/acre)? To determine this subtract columns 16, 17 and 18 from column 14. Example: 210 - 24 - 45 - 0 = 141 lbs/acre. THIS IS THE AMOUNT OF NITROGEN YOUR 2025 CROP REQUIRES BASED ON THE UNIVERSITY OF NEBRASKA FORMULA**