# 2018 Dicamba Survey Report

In July of 2017 the Department launched a survey to capture data in an effort to quantify the alleged herbicide damage caused by Dicamba use in Dicamba tolerant (DT) soybeans. The data collected in 2017 was taken into consideration during the development of additional state specific restrictions that were placed on the products XtendiMax (Monsanto), Engenia (BASF), and FeXapan (DuPont) for the 2018 spray season. In July of 2018 the Department again launched the survey to collect data to compare with the data collected in 2017.

The data in this survey was reported anonymously and should be considered an approximation of the damage caused by Dicamba to sensitive crops. This report may or may not be an accurate reflection of the extent of herbicide damage experienced in 2018.

The results of the survey are as follows:

- The Department received 54 survey responses. (215 in 2017)
- 51 people reported that they experienced plant damage they believed was caused by Dicamba. (207 in 2017)
- Only 6 people indicated that they had verified Dicamba damage through plant tissue analysis. (23 in 2017)
- 536 fields were reported damaged. (3,623 fields in 2017)
- Approximately 23,887 acres were reported damaged. (163,887 acres in 2017)
- The most prevalent symptoms reported were leaf cupping, leaf curl, and crinkled leaves.
- 30 people indicated that they had damage to the entire field, while 24 people indicated that they only had damage to a portion of their field.
- Almost all reported damage was to non-dicamba tolerant soybeans, but there were also several reports of damage to gardens, and ornamentals as well.
- Most of the comments again indicated they believed the off-target applications were caused by volatilization and in most cases the label was followed properly. Some believed the volatilization occurred several days after the application was made. Almost all reported application dates were after July 15$^{th}$.

# 2018 Dicamba Survey Report

- Damage was reported in 20 different counties in North Dakota.
    - See geographic distribution map below.