

HOW SPRAY DRIFT AFFECTED NEBRASKA GRAPES AND NE-1020 GENOTYPES



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NE-1020: MULTI-STATE EVALUATION OF GRAPE CULTIVARS AND CLONES

 Different regions focus on appropriate cultivars:

 Hot-Warm (Summer-Winter)

 Warm-Cool

 Warm-Cold

 Cool-Cold

NE, WI, IA, MN, ND, SD, IL, IN, PA, VT, NH, CT, MA

Participate in Warm-Cold and/or Cool-Cold



NE-1020: MULTI-STATE EVALUATION OF GRAPE CULTIVARS AND CLONES

Common Protocols:

 Vineyard Spacing

 VSP System

 Growing Season Data

 Harvest Parameters & Data

Winemaking Protocol





DICAMBA DAMAGE ON GRAPE

(ISU photo)





ROUND UP DAMAGE ON NEW GROWTH

(ISU photo)





ROUND UP DAMAGE ON OLDER ESTABLISHED LEAVES





CLASSIC EXAMPLE OF 2-4D DAMAGE ON GRAPE PLANTS





2-4D DAMAGE ON SABREVOIS

Experienced complete fruit loss





2-4D DAMAGE ON MN 1235





2-4D DAMAGE TO MARECHAL FOCH





2-4D DAMAGE ON NORTON GRAPE

Note the orange color of the damaged tissue

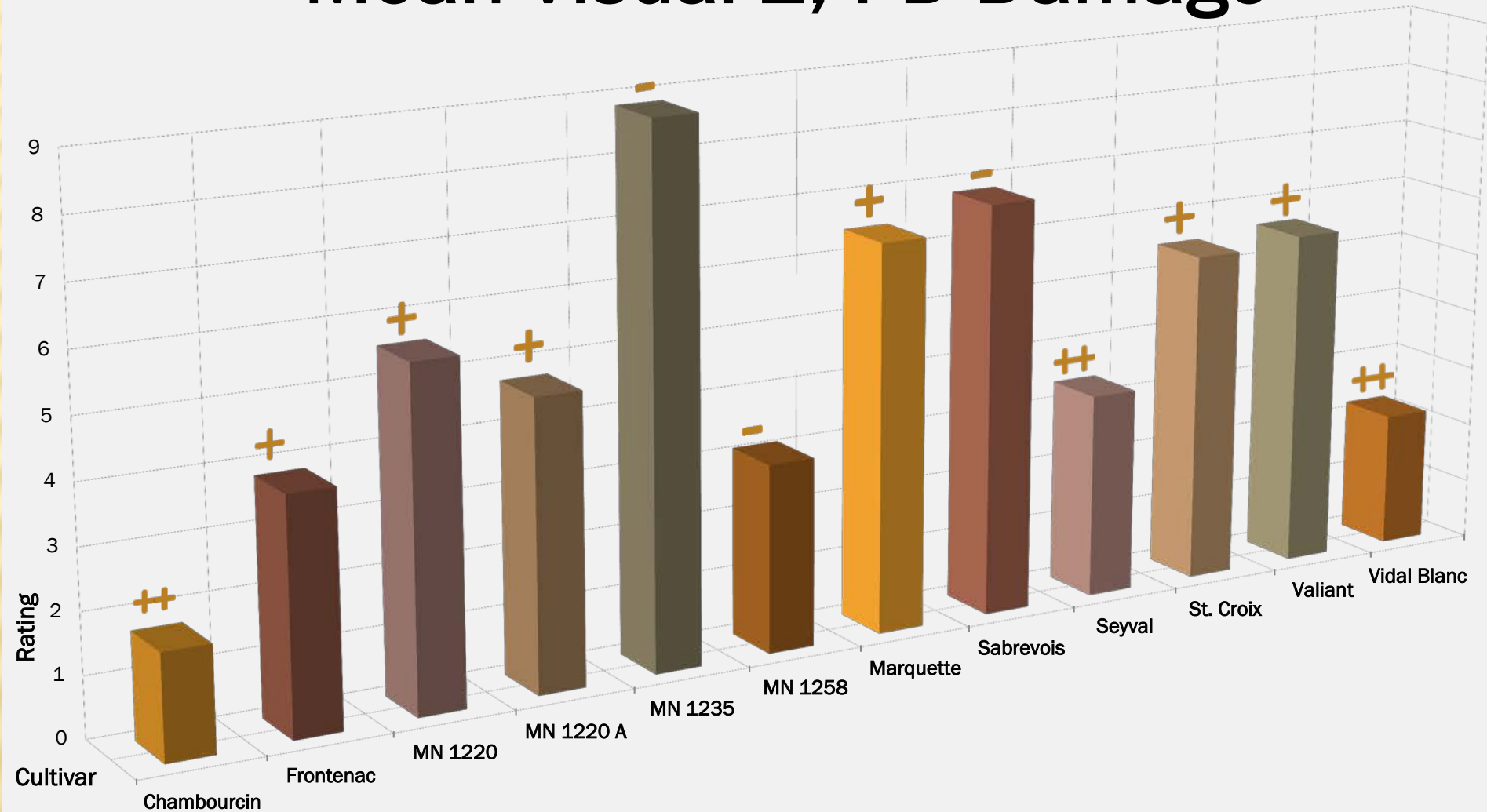




2-4D DAMAGE ON FRONTENAC



Mean Visual 2,4-D Damage



■ Chambourcin
 ■ Frontenac
 ■ MN 1220
 ■ MN 1220 A
 ■ MN 1235
 ■ MN 1258
 ■ Marquette
 ■ Sabrevois
 ■ Seyval
 ■ St. Croix
 ■ Valiant
 ■ Vidal Blanc

Ratings 1-9 1 = least effected , 9 = most effected

++ close to normal crop + below normal crop - no or close to no crop





WHOLE FIELD APPLICATION OF ROUND UP

Take note of the grow tubes

Don't you become your own worst enemy

