

Sencor™ Tolerance Ratings for Selected Wheat Varieties

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Bluegrass (aka Poa) and broadleaf winter annuals like henbit have caused serious yield loss in some wheat fields the last several years. In cases where these weeds were a problem, they became established before or with the wheat. If Poa or henbit becomes established with the wheat, it can deter tillering and readily compete for nitrogen. One way to manage these weeds is to apply Sencor at 3 to 4 oz/a postemergence over the wheat that is at 2 to 41f. This timing of a Sencor application has been a very inexpensive way to manage bluegrass and broadleaf weeds like henbit. Unfortunately, through the years, some wheat varieties have been prone to injury from a Sencor application. The Sencor label contains a list of sensitive wheat varieties. However, it is dated and not one variety on the current Sencor label is grown in Tennessee. More worrisome is that no wheat variety currently grown has been tested for sensitivity to Sencor by the seed companies. As a result, over the

past two years we went to the county wheat trials and sprayed a 10-foot boom width of 4 and 16 oz/A Sencor across the back side. We then rated the varieties in the test for tolerance to Sencor. This work was conducted in Tennessee and Arkansas.

The Sencor tolerance ratings are listed as T = tolerant, MT = moderately tolerant, MS = moderately susceptible and S = susceptible. The next column on the chart lists the number of observations. The more number of observations, the more confident a producer should be in the rating. Varieties that have less than four observations should be read with caution. In general, varieties listed with a T or MT have shown good tolerance to Sencor. Growers should be cautious about using Sencor on varieties rated with a MS grown on coarse soil types. Wheat growers should avoid using Sencor on varieties rated S for Sencor tolerance.

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This publication contains pesticide recommendations that are subject to change at any time. The recommendations in this publication are provided only as a guide. It is always the pesticide applicator's responsibility, by law, to read and follow all current label directions for the specific pesticide being used. The label always takes precedence over the recommendations found in this publication.

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Varieties	Number of Observations	Tolerance
APCoker 1377	5	T*
APCoker 9375	2	MT
APCoker 9553	4	T
APCoker 9152	2	T
APCoker 9511	2	MS
APCoker 9663	3	MS
APCoker Beretta	4	T
APCoker Branson	9	T
APCooper	3	T
APCoker Natchez	2	MT
APCoker Panola	2	MT
AGS 2000	2	T
AGS 2050	3	MT
Armor 2010	2	MS
Armor 260Z	6	T
Armor 3015	3	T
Armor 3035	2	MT
Armor 3330	2	MS
Armor 5110	4	MT
Armor 9901	6	T
CG 554W	2	MT
CG 8302	3	T
Dyna Gro 1600	4	T
Dyna Gro 4100	2	MT
Dyna Gro 4500	3	MT
Dyna Gro 5200	3	MT
Delta King 7830	2	MS
Delta King 7710	4	MT
Delta King 9108	6	MT
Delta King 9410	3	MT

Varieties	Number of Observations	Tolerance
Delta King 9577	9	T
Delta King 9108	4	MT
Dixie 900	3	MT
Dixie 907	5	MT
Dixie 9512	2	MT
Dixie 989	10	T
FFR 556	8	MT
FFR 8302	7	T
Hornbeck 3266	4	MT
Micah 100	5	MT
McKay	5	MT
Pat	3	MS
Pioneer 26R15	10	T
Pioneer 26R22	10	T
Pioneer 26R87	3	T
Progeny 145	3	MT
Progeny 166	11	MT
Progeny 185	10	T
Roane	4	MT
Terral LA 841	3	MS
Terral TV 8558	3	T
Terral TV 8466	2	MT
Terral TVX 8331	2	MT
USG 3665	3	T
USG 3209	4	MT
USG 3342	8	T
USG 3350	9	T
Vigoro 9412	4	MT
Vigoro 9712	7	T
Vigoro 9710	6	MS

Conditions for trials varied by years and locations. During dry years, such as 2007 TN Data, little if any injury was observed. Where multiple evaluations were taken multiple rates, an overall average rating was taken Ratings with more observations imply a higher level of confidence. *T=tolerant, MT=moderately tolerant, MS=moderately susceptible, S=susceptible

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