## **HOPPER BIN AIR COMPARISONS**

Information provided by \*PAMI and \*AFMRC

## WHY? And HOW? was THE STUDY WAS NECESSARY

**WHY?** Aeration is crucial to on farm storage as producers need to <u>safely store</u> their grain to insure their investment before they take it to market . The price variances mean that farmers have learned to <u>store efficiently</u> in order to maximize profits.

**HOW?** The study was conducted using a FLAT bottom bin equipped with FULL FLOOR AERATION as the test bin. The other bins were all HOPPER BINS equipped with the various styles of aeration in the chart above.

DRYING TIMEAmount of time (days) it takes to AVERAGE dry with wheat as compared to the Test (Full Floor bin)THOROUGHT DRYING TIMEAmount of time (days) it takes to THOROUGH dry with wheat as compared to the Test (Full Floor bin)

## "Air takes the path of least resistance. The more open area the more air flow".

