







Proposed Changes to Error Procedures

- Form special workgroup to review and recommend improvements
- **#** Combine loader and outlier error checking
- # Include changes to label database tables
- **#** Improve outlier procedures
- **#** Run new procedures on all previous PUR data
- **#** Distribute corrections to PUR on regular basis
- **#** What is percent of non-reported use?

















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NE NEW ACCESSION	Num	Relevant	Percent
Rate greater than	Records	Records	Outliers
Current criteria	2725	122/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2	1224-773
200 lbs Al/acre	5,427	9,619,914	0.06
1000 lbs Al/acre (fumigants)	408	48,599	0.84
50 * Median by Prod/Site	6,153	9,804,569	0.06
Neural Net Limit	25,216	9,780,062	0.26
Proposed criteria:	137-555	BANK STOP D	
50 * Median by AI	36,274	13,736,879	0.26
Median + 5 STD MAD	320,989	13,736,879	2.34
Mean trm + 5 * trm STD	69,433	13,736,879	0.51
75th pct + 3*IQR	159,329	13,736,879	1.16
75th pct + 5*STD IQR	135.865	13,736,879	0.99





















Conclusions: ways to improve error checking

- **#** Provide more informative error tables
- **#** Provide updates on PUR corrections
- **#** Outliers in rate of use identified more accurately
 - Compare rates with median rate for each AI with exceptions for
 - AIs which have distinct uses
 - AIs which appear in products with more than one AI
 - Nursery crops
 - Use better measures of dispersion of rates