

Sprayer “Clean-Out” after Dicamba Applications



- The reality is, it's impossible to remove all dicamba residue from a spray rig when flushing with just plain water.
- Dicamba as well as other herbicides can leave deposits in the sprayer tank, screens, filters and nozzles and if not cleaned properly may contribute to carryover effects with the next spray job.
- Various herbicides that call for a nonionic spray adjuvant or has a built-in surfactant can act as a cleaner removing deposits that can create a residue solution and if not properly cleaned could potentially harm future crops when spraying.

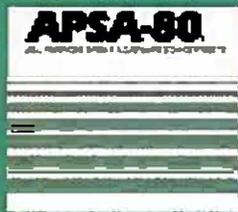


- Always read and follow pesticide manufacturer recommendations regarding use and equipment clean-up.

The Following Recommendations are from the University of Nebraska

<https://cropwatch.unl.edu/2018/removing-dicamba-residues-your-sprayer-tricky-task>

APSA-80 Sell Sheet



Type of Adjuvant	All Purpose Spray Adjuvant	
Adjuvant Base	nonionic surfactant	
Percent Actives Claimed	80%	
Percent Solids (actual) (30 minutes @ 105 C.)	80%	
CMC Point @ 0.1% solution (Critical Micelle Concentration)	30 - 40 ppm	(average of 35 ppm)
Surface Tension Measurement	30.69 dynes @ .01%	
Cost/Acre at 15 oz.	\$6.12	(30 gallon retail)
Cost/Acre at 5 oz.	\$2.04	(30 gallon retail)

Note! typical surface tension of water is approximately 72 dynes/centimeter. The individual surface tension reading of APSA—80 at .01% or 100 ppm is 30.69 dynes/centimeter

Comments - the data provided for APSA-80 are averages of the product that has been in production since 1984.

CMC Point is a measurement of efficiency and once the CMC Point is reached, adding additional surfactant will not lower the surface tension of the solution any further.

Percent Solids is a measurement that typically parallels Percent Actives. The sample is heated for 30 minutes at 105 C. or 221 F. meaning this temperature is high enough to drive off water and other volatile components but not hot enough volatilize the surfactant.

Product Shelf Life is three years with product performance guaranteed.