

Initial Question from a Consultant:

David, why is Treflan not labeled PPI in peanuts in NC?

Answers from Jordan:

Dow positioned Sonalan for the southeast and V-C area rather than Treflan. I suspect they could charge more. They used to have a product called Balan. I do think Treflan can injure peanuts more than Prowl but have not found a data set that shows that.

Follow up Question from Jordan:

Eric, I am getting a few questions about Treflan use in peanut. Other than Dow pursuing Sonalan rather than Treflan for the V-C and Southeast, is there any reason why it is not labeled? I have assumed that Treflan can injure peanut more than Prowl just based on thoughts that Treflan is more active on some of the larger-seeded broadleaf weeds compared with Prowl. Thanks for any input. David

Answer from Prostko (University of Georgia):

See attached. Something I wrote for our agents a few years back.

Jordan Follow up:

Planting peanut following Treflan is in violation of the Treflan label.

Peanuts and Treflan

Every year at this time, I receive several telephone calls from county agents and growers who want to plant peanuts in a field that was treated with Treflan. With the uncertainties of the Farm Bill, many planting decisions have not yet been made or will change and these Treflan/peanut questions may become more frequent.

Treflan is currently labeled for use in peanuts in Texas, Oklahoma, and New Mexico (1-1.5 pts/A). It was never labeled in the southeast primarily because of economics and marketing. It did not make much sense for Dow to have 3 soil-applied grass herbicides competing in the niche peanut market (Balan, Sonalan, and Treflan). Consequently, they choose to put their resources into Balan and Sonalan.

Research conducted in the mid-1990's indicated that peanuts have acceptable tolerance to Treflan at 1-2 pts/A (Table 1). Thus, growers who have applied Treflan and originally intended to plant cotton, could plant peanuts without concern for injury as long as the rate was not excessive (i.e. greater than 2 pts/A).

Table 1. Peanut yield response to preplant incorporated applications of Treflan.

Treflan Rate (pts/A)	Peanut Yield (lbs/A)				Average yield increase or decrease compared to untreated
	Headland, AL		Gainesville, FL		
	1994	1995	1994	1995	
0.0	3795	3214	3393	2857	--
1.0	4107	3214	3393	3393	+6.4
2.0	3929	2857	3929	3393	+6.4
4.0	3214	1964	2857	3214	-15.2
8.0	1429	1786	2679	3393	-30.0

Source: Johnson, Colvin, Wehtje, Littlefield, and Mullinix, 1996 (unpublished data)