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## Shattercane

## (Continued from Page B2)

Yield checks were made to compare yields in areas where control was good to yields in badly infested areas. The test plots were conducted, evaluated, and reported by Donald M Robinson and Robert J Anderson, adult farmer instructors from the Eastern Lancaster County School District

School District											
CONTROL OF SHATTERCANE IN CORN RESULTS											
	AVERAGE SHATTERCANE PLANTS PER										
TREATMENT	INCORP Oration							AVERA	GE		
ERIDACANE (7 <sup>1</sup> / <sub>3</sub> pt) AATREX (1 1 lbs)	Dbl	4	50	-	25	2	25	23	3		
ERADICANE (71/3 pt) AATREX (1 1 lbs)	Sgi	4	16		33		75	17	2		
ERADICANE (3 <sup>1/</sup> , pt) SUTAN (3 pt) AATREX (1 1 lbs)	Dbl	3	66		67		67	16	4		
ERADICANE (3½ pt) SUTAN (3 pt) AATREX (1 1 lbs)	Sgl	7	66	1	91		58	33	6		
SUTAN (5 pt) AATREX (1-1 lbs)	Dbl	13	00	1	41	1	16	5 1	9		
SUTAN (5 pt) AATREX (1-1 lbs)	Sgi	18	10	9	66	2	00	99	2		
PROWL (3 pt) AATREX (1 1 lbs)	none	14	77	12	00	33	33	20 0	0		
LASSO (2 qt) AATREX (1 1 lbs)	none	33	33	20	75	21	33	25 0	2		
DUAL (3 pt) AATREX (1 1 lbs)	Sgl	33	33	26	75	28	8	29 5	1		

Yield checks of the control areas where little or no control of shattercane was obtained revealed that the corn yielded only 44 percent of the corn yield checked in areas where good control was obtained

Corn in the control areas had extremely small ears, many barren stalks, and the corn was not as mature as that in the clean areas of the plot

Effective (commercially acceptable), although not 100 percent complete, control was achieved with the Eradicane (7 3 pint rate) and the Eradicane (3.5 pint) plus Sutan (3 pint) combination.

• Sutan (5 pint rate), double incorporated, gave moderate to good control on two of the three farms.

Sutan (5 pint rate) single incorporated, and Prowl (3 pint rate) reduced weed population considerably but not to a commercially acceptable level

Little or no control of shattergrass was achieved with the two control treatments

## (Turn to Page B4)

Lancaster Farming, Saturday, September 27, 1980–B3



Adult Farmer instructor Don Robinson displays a shattercane plant. While it looks a bit like Johnsongrass, shattercane has a mugh tighter and denser seed head which is darker than Johnsongrass's. Shattercane also can be pulled out of the ground quite easily and does not have the typical rhizome development displayed by Johnsongrass.



