



## Superior Rice Stink Bug Control

A 3rd-generation neonicotinoid insecticide for rice stink bug control with the active ingredient dinotefuran.

### How TENCHU Works

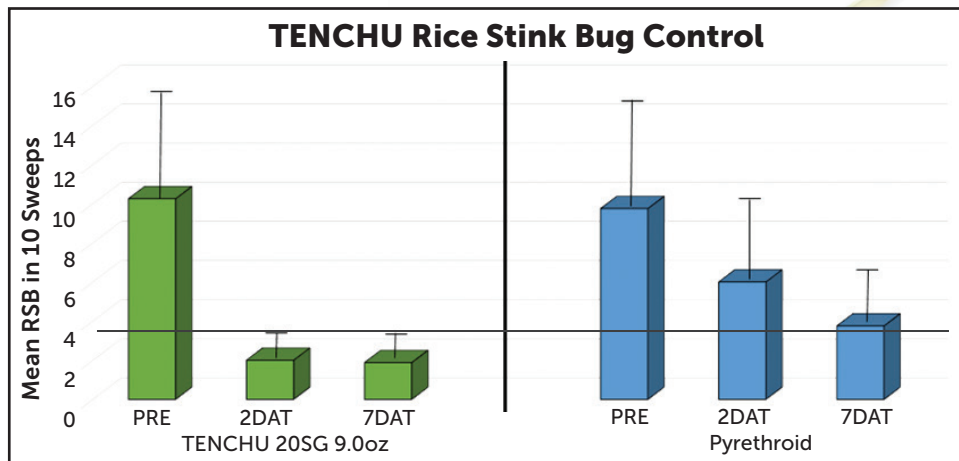
- Provides Quick Knock Down
- Highly Systemic- Redistributes Itself Throughout Entire Plant
- Inhibits Feeding At Sub-Lethal Doses
- Application Gives >10-14 Day Residual Control



### TENCHU In Action

The chart to the right is a summary of data from 11 trials conducted over two seasons in southern and northern Louisiana. The data clearly shows the consistent control of TENCHU. Only TENCHU kept RSB below the action threshold; offering growers "peace of mind."

Blackman, et. al, LSU – 2011-2013  
Each plot size was 5 acres and treatments applied by air.  
Pyrethroids used were lambda-cyhalothrin & zeta-cypermethrin and ere applied at commercial rates.



ARKANSAS COUNTY		Flowering-Milk 3 DAT	Milk/Soft dough 7 DAT	10% Hard dough 10 DAT
2021	L-Cy	14.2	24.6	23
	TENCHU 20SG	1.2	1.4	2.2
2022	L-Cy	9.2	30	17
	TENCHU 20SG	0.6	1.6	2.8

POINSETT COUNTY		Flowering-Milk 3 DAT	Milk/Soft dough 7 DAT	10% Hard dough 10 DAT
2021	L-Cy	1.2	3.8	8.6
	TENCHU 20SG	0.4	1	1.4
2022	L-Cy	7.6	5	10.8
	TENCHU 20SG	0.6	1.2	3.4

The tables on the left show the average number of RSB per 10 sweeps in two different Arkansas counties after rice fields were treated with lambda cyhalothrin (L-Cy) (3.65oz) and TENCHU (8.0oz). Numbers in green indicate a treatment threshold of less than 50%, yellow is equal to or greater than 50%, and red are above acceptable thresholds.

Trials in Arkansas County show that the full rate of L-Cy did not provide acceptable control in both 2021 and 2022. In Poinsett County, control decreased in 2021 at 10 days after treatment (DAT) with Lambda Cy and in 2022, control was slipping just 3 DAT and above the threshold 10 DAT. TENCHU provided steady and reliable control in both counties in both years. That's "peace of mind!"

### TENCHU Makes \$ense!

Just one application of TENCHU (8 oz) can provide RSB control. Its been reported that up to three applications of pyrethroids are needed to provide the same control.

When looking at the cost of L-Cy, and the cost of aerial applications; not to mention the damage that can occur before the second (or third) application is made, the choice to use TENCHU for RSB is clear!

	Number of Applications	Cost* per Treatment	Cost per Airplane (\$3 GPA)	Total Grower Cost
TENCHU 20SG	1	\$11.00	\$8.00	\$19.00
L-Cy	1	\$5 - 6.25	\$8.00	\$13 - 14.50
L-Cy	2	\$10 - 12.50	\$16.00	\$26 - 28.50
L-Cy	3	\$15 - 18.75	\$24.00	\$39 - 42.75

\* Estimated Costs

Manufactured By:

MITSUI CHEMICALS AGRO, INC.

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