

Department of Agriculture **BUREAU OF PLANT INDUSTRY** Crop Pest Management Division

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PEST SURVEY DATA OF REGION VI (Western Visayas) April 2023

Monitoring date: April 3-15, 2023

Provinces surveyed: Aklan, Antique, Capiz, Guimaras, Iloilo, Negros Occidental. **Number of Monitoring fields:** 170 monitoring fields (95 at fallow period, 14 just harvested, 5 at land preparation, 14 planted with other crops, and 42 planted with rice) **Rice crop developmental stage:** Tillering to maturity stage.

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Table 1. List of monitoring fields with $\geq 10\%$ average incidences of foliar disease and pest injury on panicles in Western Visayas on April 2023.

Field code	Growth stage	Pest	Incidence (%)		
60027	Dough	Neck blast	10.00		
60153	Maturity	Whitehead_stem borer	10.43		
60189	Heading	Whitehead_stem borer	10.01		
60097	Tillering	Deadheart_stem borer	11.11		
60098	Tillering	Deadheart_stem borer	11.82		
60028	Tillering	Leaf blast	18.64		
60007	Milk	Brown spot	20.08		
60013	Dough	Brown spot	32.19		
60025	Dough	Brown spot	10.87		
60070	Booting	Brown spot	17.26		
60110	Dough	Brown spot	19.73		
60121	Tillering	Brown spot	16.37		
60198	Tillering	Brown spot	11.41		



Figure 1. PRIME monitoring fields in Region VI (Western Visayas) as of March 2023.

Region VI Aklan - All Municipali	ties				P	RIME Manacement
April 2023	Ő	min	max	Pest incidence (%)	0 4	1-5 >5
A. FOLIAR DISEASES						
Bacterial leaf blight	3	0.00	2.34		67%	33%
Bacterial leaf streak	3	0.00	0.00			100%
Brown spot	3	0.00	2.96		67%	33%
Leaf blast	3	0.00	0.00			100%
Red stripe	3	0.00	0.00			100%
B. DISEASE OR PEST INJUR	Y ON TILLER	ts				
Deadheart	3	0.00	1.60		67%	33%
Sheath blight	3	0.00	0.00			100%
C. DISEASE OR PEST INJUR	Y ON PANICI	LES				
Neck blast	1	0.00	0.00			100%
Whitehead	1	0.00	0.00			100%
D. SYSTEMIC DISEASE OR P	EST INJURY					
Bugburn	3	0.00	0.00			100%
Hopperburn	3	0.00	0.00			100%
Tungro	3	0.00	0.00			100%
E. INSECT COUNT						
Brown planthopper	3	0.00	0.00			100%
Green leafhopper	3	0.00	0.10		67%	33%
Rice black bug	3	0.00	0.00			100%
Rice bug	3	0.00	0.67		67%	33%
Rice grain bug	3	0.00	0.00			100%
F. RAT INJURY	3	0.00	0.00			100%
G. WEED COVER	3	0.00	68.33		67%	33%
				10 20 30 40 50	60 70 8	0 90 100

Figure 2. Incidence of pest injuries, counts of insect pests, and weed cover in Aklan on April 2023. Horizontal bar shows the proportion of fields in each range of pest injury incidence, insect count or weed cover.

April 2023	0	min	max	Pest incidence (%)	0 4	1-5 >5
A. FOLIAR DISEASES						
Bacterial leaf blight	3	0.00	0.44	33%		67%
Bacterial leaf streak	3	0.00	0.00			100%
Brown spot	3	1.31	2.79			100%
Leaf blast	3	0.00	0.13		67%	33%
Red stripe	3	0.00	0.00			100%
B. DISEASE OR PEST INJUR	Y ON TILLE	RS				
Deadheart	3	0.00	0.00			100%
Sheath blight	3	0.00	0.00			100%
C. DISEASE OR PEST INJUR	Y ON PANIC	LES				
Neck blast	1	0.00	0.00			100%
Whitehead	1	3.50	3.50			100%
D. SYSTEMIC DISEASE OR P	EST INJURY					
Bugburn	3	0.00	0.00			100%
Hopperburn	3	0.00	0.00			100%
Tungro	3	0.00	0.00			100%
E. INSECT COUNT						
Brown planthopper	3	0.00	0.00			100%
Green leafhopper	3	0.00	0.10		67%	33%
Rice black bug	3	0.00	0.00			100%
Rice bug	3	0.00	0.33	33%		67%
Rice grain bug	3	0.00	0.00			100%
F. RAT INJURY	3	0.00	2.94	33%		67%
G. WEED COVER	3	20.00	80.00			100%

Figure 3. Incidence of pest injuries, counts of insect pests, and weed cover in Antique on April 2023. Horizontal bar shows the proportion of fields in each range of pest injury incidence, insect count or weed cover.

April 2023	0	min	max	Pest incidence (%) 🚺 < 1-5 >5
A. FOLIAR DISEASES				
Bacterial leaf blight	9	0.00	9.96	56% 11% 11% 22%
Bacterial leaf streak	9	0.00	0.91	89% 11%
Brown spot	9	0.00	32.19	11% 11% 78%
.eaf blast	9	0.00	9.38	12% 33% 44% 11%
Red stripe	9	0.00	0.00	100%
B. DISEASE OR PEST INJUR	Y ON TILLER	RS		
Deadheart	9	0.00	6.67	67% <mark>11%11%11%</mark>
Sheath blight	9	0.00	2.51	89% 11%
C. DISEASE OR PEST INJUR	Y ON PANIC	LES		
Veck blast	4	0.00	0.00	100%
Whitehead	4	1.74	9.80	75% 25%
. SYSTEMIC DISEASE OR P	EST INJURY	ş -		
Bugburn	9	0.00	0.00	100%
Hopperburn	9	0.00	0.00	100%
Tungro	9	0.00	0.00	100%
. INSECT COUNT				
Brown planthopper	9	0.00	0.30	89% 11%
Green leafhopper	9	0.00	0.20	89% <mark>. 11%</mark>
Rice black bug	9	0.00	0.00	100%
Rice bug	9	0.00	4,33	44% 56%
Rice grain bug	9	0.00	0.00	100%
F. RAT INJURY	9	0.00	6.40	78% 11% 11%
G. WEED COVER	9	1.67	45.00	56% 44%

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Figure 4. Incidence of pest injuries, counts of insect pests, and weed cover in Iloilo on April 2023. Horizontal bar shows the proportion of fields in each range of pest injury incidence, insect count or weed cover.

April 2023		min	max	Pest incidence (%) 🛛 🔍 1	5 >5
A. FOLIAR DISEASES					
Bacterial leaf blight	21	0.00	0.57		95% <mark>5%</mark>
Bacterial leaf streak	21	0.00	0.00		100%
Brown spot	21	0.00	2.04		95%5%
Leaf blast	21	0.00	0.92	81%	19%
Red stripe	21	0.00	0.00		100%
B. DISEASE OR PEST INJUR	Y ON TILLER	5			
Deadheart	21	0.00	11.82	80%5	15%
Sheath blight	21	0.00	0.00		100%
C. DISEASE OR PEST INJUR	Y ON PANICL	ES			
Neck blast	10	0.00	0.00		100%
Whitehead	10	0.00	10.43	40% 30%	30%
D. SYSTEMIC DISEASE OR P	EST INJURY				
Bugburn	21	0.00	0.00		100%
Hopperburn	21	0.00	0.00		100%
Tungro	21	0.00	0.00		100%
E. INSECT COUNT					
Brown planthopper	21	0.00	0.00		100%
Green leafhopper	21	0.00	0.00		100%
Rice black bug	21	0.00	0.00		100%
Rice bug	21	0.00	2.33	9	0% 10%
Rice grain bug	21	0.00	0.00		100%
F. RAT INJURY	21	0.00	4.89	869	6 14%
G. WEED COVER	21	0.00	8.33	66%	29%5%

Figure 5. Incidence of pest injuries, counts of insect pests, and weed cover in Negros Occidental on April 2023. Horizontal bar shows the proportion of fields in each range of pest injury incidence, insect count or weed cover.

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April 2023	0	min	max	Pestinc	idence (%)	0	-4 18	s >5
A. FOLIAR DISEASES								
Bacterial leaf blight	5	0.00	0.84			60%		40%
Bacterial leaf streak	5	0.00	0.00					100%
Brown spot	5	1.87	10.87				80%	20%
Leaf blast	5	0.00	18.64			60%	20%	20%
Red stripe	5	0.00	0.43				80%	20%
B. DISEASE OR PEST INJUR	Y ON TILLER	RS						
Deadheart	5	0.00	4.22	20%	20%			60%
Sheath blight	5	0.00	7.09		40%		40%	20%
C. DISEASE OR PEST INJUR	Y ON PANIC	LES						
Neck blast	2	0.00	10.00		50	%		50%
Whitehead	2	0.00	2.91		50	%		50%
D. SYSTEMIC DISEASE OR P	EST INJURY							
Bugburn	5	0.00	0.00					100%
Hopperburn	5	0.00	0.00					100%
Tungro	5	0.00	2.67				80%	20%
E. INSECT COUNT								
Brown planthopper	5	0.00	0.20				80%	20%
Green leafhopper	5	0.10	0.20					100%
Rice black bug	5	0.00	0.00					100%
Rice bug	5	0.00	2.67		40%	20%		40%
Rice grain bug	5	0.00	0.00					100%
F. RAT INJURY	5	0.00	0.91	20%				80%
G. WEED COVER	5	0.00	36.67		40%	20%		40%

Figure 6. Incidence of pest injuries, counts of insect pests, and weed cover in Capiz on April 2023. Horizontal bar shows the proportion of fields in each range of pest injury incidence, insect count or weed cover.

April 2023		min	max	Ì	Pest i	ncider	ice (%)	<	1	-5 >5
A. FOLIAR DISEASES											
Bacterial leaf blight	1	0.67	0.67								100%
Bacterial leaf streak	1	0.00	0.00								100%
Brown spot	1	0.00	0.00								100%
Leaf blast	1	0.00	0.00								100%
Red stripe	1	0.00	0.00								100%
B. DISEASE OR PEST INJURY	ON TILLER	s									
Deadheart	1	0.00	0.00								100%
Sheath blight	1	0.00	0.00								100%
C. DISEASE OR PEST INJURY	ON PANICL	ES									
Neck blast	1	0.00	0.00								100%
Whitehead	1	2.00	2.00								100%
D. SYSTEMIC DISEASE OR PE	ST INJURY										
Bugburn	1	0.00	0.00								100%
Hopperburn	1	0.00	0.00								100%
Tungro	1	0.00	0.00								100%
E. INSECT COUNT											
Brown planthopper	1	0.00	0.00								100%
Green leafhopper	1	0.00	0.00								100%
Rice black bug	1	0.00	0.00								100%
Rice bug	1	0.00	0.00								100%
Rice grain bug	1	0.00	0.00								100%
F. RAT INJURY	1	0.00	0.00								100%
G. WEED COVER	1	0.00	0.00								100%

Figure 7. Incidence of pest injuries, counts of insect pests, and weed cover in Guimaras on April 2023. Horizontal bar shows the proportion of fields in each range of pest injury incidence, insect count or weed cover.