

692 San Andres Street, Malate, Manila, Philippines Email Address: cpmd@buplant.da.gov.ph Tel. No.: (02) 8525-7909, (02) 8525-2987



PEST SURVEY DATA OF REGION X (NORTHERN MINDANAO)

July 2024

Monitoring date: July 1-15, 2024

Provinces surveyed: Misamis Occidental, Lanao del Norte, and Bukidnon.

Number of Monitoring fields: 187 monitoring fields (13 at fallow period, 3 just harvested, 35 at

land preparation, 1 planted with other crops, 35 seedbeds, and 100 planted with rice)

Rice crop developmental stage: Germination to maturity stage.

Data collector/s: John Kenneth Ortea, Henson Torres, Nap Ditchita, Jaymar Libardos, John Riel

Cagaanan, Jay Cabanes, Marietta Damu-Ag, and Ricky Baje.





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 $Region \ X \ | \ {\tt Bukidnon-All\ Municipalities}$

Region A Bukidnon - All Municipalities										مگ	Pest and	Risk Ider Manage	ntificatio 2m ent	n
July 2024	n	min	max		Pest in	ciden	ce (%	o)	0	<1		1-5	>5	
A. FOLIAR DISEASES														
Bacterial leaf blight	56	0.00	0.76									95	5% <mark>5%</mark>)
Bacterial leaf streak	56	0.00	2.00						6	8%		25%	<mark>/₆7%</mark>	
Brown spot	56	0.00	5.00			37	%		25%				38%	
Leaf blast	56	0.00	0.83							71%			29%	
Red stripe	56	0.00	0.17									ę	98% <mark>2</mark>	%
B. DISEASE OR PEST INJURY ON T	ILLERS	5												
Deadheart	56	0.00	6.67					53%	0			43	3% <mark>4</mark> 9	
Sheath blight	56	0.00	0.53									95	5% <mark>5%</mark>)
C. DISEASE OR PEST INJURY ON P	ANICLI	ES												
Neck blast	2	0.00	0.56				į	50%					50%	
Whitehead	2	0.00	1.34				į	50%					50%	
D. SYSTEMIC DISEASE OR PEST IN	JURY													
Bugburn	56	0.00	0.00									1	00%	
Hopperburn	56	0.00	0.00									1	00%	
Tungro	56	0.00	0.00									1	00%	
E. INSECT COUNT														
Brown planthopper	56	0.00	0.40									89%	11%	
Green leafhopper	56	0.00	0.40				459	%					55%	
Rice black bug	56	0.00	1.10					Ę	59%			3	39% <mark>2</mark>	%
Rice bug	56	0.00	1.00									94	% <mark>4%</mark> 2	%
Rice grain bug	56	0.00	0.20									ę	98% <mark>2</mark>	%
F. RAT INJURY	56	0.00	1.67									95	5% <mark>5%</mark>)
G. WEED COVER	56	0.00	3.33									93%	<mark>/₈7%</mark>	
				10	20	30	40	50	60	70	80	90	100	

Figure 1. Incidence of pest injuries, counts of insect pests, and weed cover in Bukidnon on July 2024. Horizontal bar shows the proportion of fields in each range of pest injury incidence, insect count or weed cover.

EFFECTIVITY DATE: AUGUST 15, 2023 FORM NO: BPI-QMS-KMT-F1 REVISION NO.: 5





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Region X | Misamis Occidental - All Municipalities

										رماي	Pest F and N	tisk Identifcation Vanogement
July 2024	n	min	max		Pest i	nciden	ce (%	6)		<1	1	-5 >5
A. FOLIAR DISEASES												
Bacterial leaf blight	20	0.00	0.49		25%	%						75%
Bacterial leaf streak	20	0.00	0.24								80%	20%
Brown spot	20	0.80	2.29	10%								90%
Leaf blast	20	0.14	0.87									100%
Red stripe	20	0.00	0.00									100%
B. DISEASE OR PEST INJURY	ON TILLERS											
Deadheart	20	0.00	0.00									100%
Sheath blight	20	0.00	0.00									100%
C. DISEASE OR PEST INJURY	ON PANICLE	S										
Neck blast	0	0	0									100%
Whitehead	0	0	0									100%
D. SYSTEMIC DISEASE OR PE	ST INJURY											
Bugburn	20	0.00	0.00									100%
Hopperburn	20	0.00	0.00									100%
Tungro	20	0.00	0.00									100%
E. INSECT COUNT												
Brown planthopper	20	0.00	0.10						60%			40%
Green leafhopper	20	0.00	0.10						60%			40%
Rice black bug	20	0.00	0.00									100%
Rice bug	20	0.00	6.67									95% <mark>5%</mark>
Rice grain bug	20	0.00	0.00									100%
F. RAT INJURY	20	0.00	0.00									100%
G. WEED COVER	20	0.00	0.00									100%
				10	20	30	40	50	60	70	80	90 100

Figure 2. Incidence of pest injuries, counts of insect pests, and weed cover in Misamis Occidental on July 2024. Horizontal bar shows the proportion of fields in each range of pest injury incidence, insect count or weed cover.

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Region X | Lanao del Norte - All Municipalities

				Pest Risk Identification and Management
July 2024	n	min	max	Pest incidence (%) 0 <1 1-5 >5
A. FOLIAR DISEASES				
Bacterial leaf blight	17	0.00	0.05	76% 24%
Bacterial leaf streak	17	0.00	0.11	82% 18%
Brown spot	17	0.00	0.07	59% 41%
Leaf blast	17	0.00	0.13	76% 24%
Red stripe	17	0.00	0.02	94% <mark>6%</mark>
B. DISEASE OR PEST INJURY ON T	ILLERS			
Deadheart	17	0.00	4.05	88% <mark> 12%</mark>
Sheath blight	17	0.00	0.63	94% <mark>6%</mark>
C. DISEASE OR PEST INJURY ON P	ANICLE	S		
Neck blast	0	0	0	100%
Whitehead	0	0	0	100%
D. SYSTEMIC DISEASE OR PEST IN	JURY			
Bugburn	17	0.00	1.33	88% 12%
Hopperburn	17	0.00	0.00	100%
Tungro	17	0.00	0.00	100%
E. INSECT COUNT				
Brown planthopper	17	0.00	0.10	94% <mark>6%</mark>
Green leafhopper	17	0.00	0.00	100%
Rice black bug	17	0.00	2.50	76% 18% <mark>6%</mark>
Rice bug	17	0.00	3.67	65% 29% <mark>6%</mark>
Rice grain bug	17	0.00	0.20	94% <mark>6%</mark>
F. RAT INJURY	17	0.00	1.67	70% 24% <mark>6%</mark>
G. WEED COVER	17	0.00	3.33	88% <mark> 12%</mark>
				10 20 30 40 50 60 70 80 90 100

Figure 3. Incidence of pest injuries, counts of insect pests, and weed cover in Lanao del Norte on July 2024. Horizontal bar shows the proportion of fields in each range of pest injury incidence, insect count or weed cover.

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