

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 XI (DAVAO REGION)

July 2024

Monitoring date: July 2-15, 2024

Provinces surveyed: Davao del Norte, Davao City, Davao Occidental, and Davao del Sur. **Number of Monitoring fields:** 90 monitoring fields (2 at fallow period, 2 just harvested,

5 at land preparation, 2 seedbeds, and 79 planted with rice.

Rice crop developmental stage: Germination to maturity stage.

Data collector/s: Geraldine Beth Baro, Irish Joy Dapitilla, Gerald Gie Dumayas,

Sharmayne Cando, Mary Grace Gallana, Leoncio Salamangca Jr., and Joanafe Ondoy.

Table 1. List of monitoring fields with ≥5% average incidences on foliar disease, tiller injury, and weed cover in Davao Region on July 2024.

Field code	Growth stage	Pest	Incidence (%)
110071	Tillering	Deadheart	5.99
110083	Tillering	Deadheart	5.12
110084	Panicle initiation	Deadheart	7.57
110091	Tillering	Deadheart	15.19
110179	Tillering	Deadheart	20.00
110179	Tillering	Leaf blast	11.24
110183	Maturity	Weeds	5.00



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Region XI | Compostela Valley - All Municipalities

Region XI Compostela Valley - All Mur	icipalities				Pest Risk Identification and Management
July 2024	n	min	max	Pest incidence (%)	0 <1 1-5 >5
A. FOLIAR DISEASES					
Bacterial leaf blight	1	0.00	0.00		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	5.99	5.99		100%
Sheath blight	1	0.00	0.00		100%
C. DISEASE OR PEST INJURY ON	PANICL	ES			
Neck blast	0	0	0		100%
Whitehead	0	0	0		100%
D. SYSTEMIC DISEASE OR PEST I	NJURY				
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 1. Incidence of pest injuries, counts of insect pests, and weed cover in Compostela Valley on July 2024. Horizontal bar shows the proportion of fields in each range of pest injury incidence, insect count or weed cover.

10 20 30 40 50 60 70 80 90 100







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Region XI | Davao del Norte - All Municipalities

Region XI Davao del Norte - All M	iunicipalities			Pest Risk Identification and Management
July 2024	n	min	max	Pest incidence (%) 0 <1 1-5 >5
A. FOLIAR DISEASES				
Bacterial leaf blight	26	0.00	1.34	84% <mark>12%4</mark> %
Bacterial leaf streak	26	0.00	1.76	81% <mark>4% 15%</mark>
Brown spot	26	0.00	3.83	50% 12% 38%
Leaf blast	26	0.00	11.24	50% 31% 15% <mark>4</mark> 9
Red stripe	26	0.00	0.00	100%
B. DISEASE OR PEST INJURY	ON TILLERS	5		
Deadheart	26	0.00	20.00	65% 31% <mark>4</mark> 9
Sheath blight	26	0.00	2.22	92% <mark>8%</mark>
C. DISEASE OR PEST INJURY	ON PANICL	ES		
Neck blast	1	0.00	0.00	100%
Whitehead	1	0.00	0.00	100%
D. SYSTEMIC DISEASE OR PE	ST INJURY			
Bugburn	26	0.00	0.00	100%
Hopperburn	26	0.00	0.00	100%
Tungro	26	0.00	0.00	100%
E. INSECT COUNT				
Brown planthopper	26	0.00	0.60	77% 23%
Green leafhopper	26	0.00	0.60	69% 31%
Rice black bug	26	0.00	0.30	92% <mark>8%</mark>
Rice bug	26	0.00	2.33	80% <mark>8% 12%</mark>
Rice grain bug	26	0.00	0.00	100%
F. RAT INJURY	26	0.00	1.67	92% <mark>4%</mark> %
G. WEED COVER	26	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 Davao del Norte 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 XI Davao del Sur - All Mur	nicipalities									Pa ai	Rest Risk	Identi nagerr	1E
July 2024	n	min	max		Pest i	nciden	ice (%)	0	<1	1	-5	>5
A. FOLIAR DISEASES													
Bacterial leaf blight	22	0.00	3.84								82%	9%	9%
Bacterial leaf streak	22	0.00	0.61									91%	9%
Brown spot	22	0.00	3.11								(90%	5% <mark>5%</mark>
Leaf blast	22	0.00	0.00									1	00%
Red stripe	22	0.00	0.00									1	00%
B. DISEASE OR PEST INJURY	ON TILLERS	5											
Deadheart	22	0.00	15.19			32%	9%				40%		19%
Sheath blight	22	0.00	0.00									1	00%
C. DISEASE OR PEST INJURY	ON PANICLI	ES											
Neck blast	2	0.00	0.00									1	00%
Whitehead	2	0.00	0.00									1	00%
D. SYSTEMIC DISEASE OR PE	ST INJURY												
Bugburn	22	0.00	0.00									1	00%
Hopperburn	22	0.00	0.00									1	00%
Tungro	22	0.00	0.00									1	00%
E. INSECT COUNT													
Brown planthopper	22	0.00	0.30									91%	9%
Green leafhopper	22	0.00	0.20								82%		18%
Rice black bug	22	0.00	0.30									91%	9%
Rice bug	22	0.00	1.00								82%	9%	9%
Rice grain bug	22	0.00	0.80									91%	9%
F. RAT INJURY	22	0.00	4.11								(90%	5% <mark>5%</mark>
G. WEED COVER	22	0.00	5.00									95	% <mark>5%</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 Davao del Sur 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 XI Davao Occidental - All Municip	alities									Pi	PR est Risk nd Mar	V dentifi nagemo	1E
July 2024	n	min	max		Pest in	ciden	ce (%)	0	<1	1	-5	>5
A. FOLIAR DISEASES													
Bacterial leaf blight	3	0.00	3.84			33%							67%
Bacterial leaf streak	3	0.00	0.61			33%			67%				
Brown spot	3	0.00	3.11			34%			33	8%		;	33%
Leaf blast	3	0.00	0.00								100%		
Red stripe	3	0.00	0.00									1	00%
B. DISEASE OR PEST INJURY ON TI	LLER	S											
Deadheart	3	0.00	1.38			34%			33	8%		;	33%
Sheath blight	3	0.00	0.00									1	00%
C. DISEASE OR PEST INJURY ON PA	NICL	ES											
Neck blast	2	0.00	0.00									1	00%
Whitehead	2	0.00	0.00						100%				
D. SYSTEMIC DISEASE OR PEST IN.	IURY												
Bugburn	3	0.00	0.00									1	00%
Hopperburn	3	0.00	0.00									1	00%
Tungro	3	0.00	0.00								100%		
E. INSECT COUNT													
Brown planthopper	3	0.00	0.20						67	' %			33%
Green leafhopper	3	0.00	0.20						67	'%			33%
Rice black bug	3	0.00	0.30			33%							67%
Rice bug	3	0.00	0.67						67	′%			33%
Rice grain bug	3	0.00	0.80			33%							67%
F. RAT INJURY	3	0.00	4.11						67	′%			33%
G. WEED COVER	3	0.00	5.00						67	' %		;	33%
				10	20	30	40	50	60	70	80	90	100

Figure 4. Incidence of pest injuries, counts of insect pests, and weed cover in Davao 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 XI Davao City - All Municipalitie	s								ي د		Pest Risk and Ma	\ denti nager	1 E
July 2024	n	min	max		Pest i	ncider	ice (%)		<	1 1	-5	>5
A. FOLIAR DISEASES													
Bacterial leaf blight	1	0.00	0.00									1	00%
Bacterial leaf streak	1	0.00	0.00									1	00%
Brown spot	1	2.91	2.91									1	00%
Leaf blast	1	0.22	0.22									1	00%
Red stripe	1	0.00	0.00									1	00%
B. DISEASE OR PEST INJURY ON	ΓILLER	S											
Deadheart	1	0.00	0.00									1	00%
Sheath blight	1	3.68	3.68									1	00%
C. DISEASE OR PEST INJURY ON I	PANICL	ES											
Neck blast	1	0.00	0.00									1	00%
Whitehead	1	0.00	0.00									1	00%
D. SYSTEMIC DISEASE OR PEST IN	IJURY												
Bugburn	1	0.00	0.00									1	00%
Hopperburn	1	0.00	0.00									1	00%
Tungro	1	0.00	0.00									1	00%
E. INSECT COUNT													
Brown planthopper	1	0.00	0.00									1	00%
Green leafhopper	1	0.00	0.00									1	00%
Rice black bug	1	0.00	0.00									1	00%
Rice bug	1	0.00	0.00									1	00%
Rice grain bug	1	0.00	0.00									1	00%
F. RAT INJURY	1	0.00	0.00									1	00%
G. WEED COVER	1	0.00	0.00									1	00%
				10	20	30	40	50	60	70	80	90	100

Figure 5. Incidence of pest injuries, counts of insect pests, and weed cover in Davao City on July 2024. Horizontal bar shows the proportion of fields in each range of pest injury incidence, insect count or weed cover.

