

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 III (CENTRAL LUZON)

July 2024

Monitoring date: July 2-15, 2024

Province/s surveyed: Nueva Ecija, Tarlac, and Pampanga.

Number of Monitoring fields: 165 monitoring fields (70 at fallow period, 4 just harvested, 26 at

land preparation, 3 planted with other crops, 10 seedbeds, and 52 planted with rice).

Rice crop developmental stage: Germination to tillering stage.

Data collector/s: Cristine Abegail Siababa, Mark Angelo Urma, Mildred Echalas, Veronica

Alingcumot, Caesar Siababa, Analie Siababa, Francis Maglanque, and Anthony Antonio.





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PRIME

Region III | Nueva Ecija - All Municipalities

Region III Nueva Ecija - All Municipalitie	25									Pe	zst Risk nd Mar	Identification nagement
July 2024	n	min	max		Pest i	ncide	nce (%	b)	0	<1	1	-5 >5
A. FOLIAR DISEASES												
Bacterial leaf blight	39	0.00	0.18									97% <mark>3</mark> %
Bacterial leaf streak	39	0.00	0.00									100%
Brown spot	39	0.00	0.00									100%
Leaf blast	39	0.00	0.21							74%	6	26%
Red stripe	39	0.00	0.00									100%
B. DISEASE OR PEST INJURY ON T	TILLER	S										
Deadheart	39	0.00	3.37									97% <mark>3</mark> %
Sheath blight	39	0.00	0.00									100%
C. DISEASE OR PEST INJURY ON F	PANICL	ES										
Neck blast	0	0	0									100%
Whitehead	0	0	0									100%
D. SYSTEMIC DISEASE OR PEST IN	IJURY											
Bugburn	39	0.00	0.00									100%
Hopperburn	39	0.00	0.00									100%
Tungro	39	0.00	0.00									100%
E. INSECT COUNT												
Brown planthopper	39	0.00	1.50							76	%	21% <mark>3</mark> %
Green leafhopper	39	0.00	0.50					54%	6			46%
Rice black bug	39	0.00	0.10									95% <mark>5%</mark>
Rice bug	39	0.00	0.00									100%
Rice grain bug	39	0.00	0.00									100%
F. RAT INJURY	39	0.00	9.62									97% <mark>3</mark>
G. WEED COVER	39	0.00	10.00						67	7%		28% <mark>5%</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 Nueva Ecija 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







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Region III | Tarlac - All Municipalities



July 2024	n	min	max		Pest i	ncider	ıce (%)	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 TI	LLER	s											
Deadheart	1	0.00	0.00									,	100%
Sheath blight	1	0.00	0.00									,	100%
C. DISEASE OR PEST INJURY ON PA	NICL	ES											
Neck blast	0	0	0									,	100%
Whitehead	0	0	0									,	100%
D. SYSTEMIC DISEASE OR PEST INJ	URY												
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%
				10	20	30	40	50	60	70	80	90	100

Figure 2. Incidence of pest injuries, counts of insect pests, and weed cover in Tarlac 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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A. FOLIAR DISEASES	Region III Pampanga - All Municipalities				Pest Risk II and Mani	dentification agement
Bacterial leaf blight 11 0.00 0.33 91% 9% Bacterial leaf streak 11 0.00 0.00 100% Brown spot 11 0.00 0.28 91% 9% 100% Red stripe 11 0.00 0.00 100% B. DISEASE OR PEST INJURY ON TILLERS Deadheart 11 0.00 0.00 100% 100% Sheath blight 11 0.00 0.00 100% 100% C. DISEASE OR PEST INJURY ON PANICLES Neck blast 0 0 0 0 100% 100% Whitehead 0 0 0 0 100% 100% D. SYSTEMIC DISEASE OR PEST INJURY DRAW D. SYSTEMIC DISEASE OR PEST INJURY D. 0.00 100% D. 0.00 100% D. SYSTEMIC DISEASE OR PEST INJURY D. 0.00 100% D. 0.00 1	July 2024	n	min	max	Pest incidence (%) 0 <1 1-	5 >5
Bacterial leaf streak 11 0.00 0.00 Brown spot 11 0.00 0.28 91% 9% Leaf blast 11 0.00 0.00 Red stripe 11 0.00 0.00 100% B. DISEASE OR PEST INJURY ON TILLERS Deadheart 11 0.00 0.00 100% Sheath blight 11 0.00 0.00 100% C. DISEASE OR PEST INJURY ON PANICLES Neck blast 0 0 0 0 100% Whitehead 0 0 0 100% D. SYSTEMIC DISEASE OR PEST INJURY Bugburn 11 0.00 0.00 100% Hopperburn 11 0.00 0.00 100% E. INSECT COUNT Brown planthopper 11 0.00 0.00 Green leafhopper 11 0.00 0.00 Rice black bug 11 0.00 0.00 Rice black bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	A. FOLIAR DISEASES					
Brown spot	Bacterial leaf blight	11	0.00	0.33	9	91% 9%
Leaf blast 11 0.00 0.00 100% Red stripe 11 0.00 0.00 100% B. DISEASE OR PEST INJURY ON TILLERS Deadheart 11 0.00 0.00 100% Sheath blight 11 0.00 0.00 100% C. DISEASE OR PEST INJURY ON PANICLES Neck blast 0 0 0 100% Whitehead 0 0 0 100% D. SYSTEMIC DISEASE OR PEST INJURY Bugburn 11 0.00 0.00 100% Hopperburn 11 0.00 0.00 100% Tungro 11 0.00 0.00 100% E. INSECT COUNT Brown planthopper 11 0.00 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100%	Bacterial leaf streak	11	0.00	0.00		100%
Red stripe 11 0.00 0.00 100% B. DISEASE OR PEST INJURY ON TILLERS Deadheart 11 0.00 0.00 100% Sheath blight 11 0.00 0.00 100% C. DISEASE OR PEST INJURY ON PANICLES Neck blast 0 0 0 100% Whitehead 0 0 0 100% D. SYSTEMIC DISEASE OR PEST INJURY Bugburn 11 0.00 0.00 100% Hopperburn 11 0.00 0.00 100% Tungro 11 0.00 0.00 100% E. INSECT COUNT Brown planthopper 11 0.00 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	Brown spot	11	0.00	0.28	9	91% 9%
B. DISEASE OR PEST INJURY ON TILLERS Deadheart 11 0.00 0.00 100% Sheath blight 11 0.00 0.00 100% C. DISEASE OR PEST INJURY ON PANICLES Neck blast 0 0 0 100% Whitehead 0 0 0 100% D. SYSTEMIC DISEASE OR PEST INJURY Bugburn 11 0.00 0.00 100% Hopperburn 11 0.00 0.00 100% Tungro 11 0.00 0.00 100% E. INSECT COUNT Brown planthopper 11 0.00 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	Leaf blast	11	0.00	0.00		100%
Deadheart 11 0.00 0.00 100% Sheath blight 11 0.00 0.00 100% C. DISEASE OR PEST INJURY ON PANICLES Neck blast 0 0 0 100% Whitehead 0 0 0 100% D. SYSTEMIC DISEASE OR PEST INJURY Bugburn 11 0.00 0.00 100% Hopperburn 11 0.00 0.00 100% Tungro 11 0.00 0.00 100% E. INSECT COUNT Brown planthopper 11 0.00 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	Red stripe	11	0.00	0.00		100%
Sheath blight 11 0.00 0.00 100% C. DISEASE OR PEST INJURY ON PANICLES Neck blast 0 0 0 100% Whitehead 0 0 0 100% D. SYSTEMIC DISEASE OR PEST INJURY 8 8 100% 100% Hopperburn 11 0.00 0.00 100% Tungro 11 0.00 0.00 100% E. INSECT COUNT 8 100% 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	B. DISEASE OR PEST INJURY ON T	ILLERS				
C. DISEASE OR PEST INJURY ON PANICLES Neck blast 0 0 0 0 100% Whitehead 0 0 0 0 100% D. SYSTEMIC DISEASE OR PEST INJURY Bugburn 11 0.00 0.00 100% Hopperburn 11 0.00 0.00 100% Tungro 11 0.00 0.00 100% E. INSECT COUNT Brown planthopper 11 0.00 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	Deadheart	11	0.00	0.00		100%
Neck blast 0 0 0 100% Whitehead 0 0 0 100% D. SYSTEMIC DISEASE OR PEST INJURY Bugburn 11 0.00 0.00 100% Hopperburn 11 0.00 0.00 100% Tungro 11 0.00 0.00 100% E. INSECT COUNT 11 0.00 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	Sheath blight	11	0.00	0.00		100%
Whitehead 0 0 0 100% D. SYSTEMIC DISEASE OR PEST INJURY Bugburn 11 0.00 0.00 100% Hopperburn 11 0.00 0.00 100% Tungro 11 0.00 0.00 100% E. INSECT COUNT Brown planthopper 11 0.00 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	C. DISEASE OR PEST INJURY ON P	ANICLE	S			
D. SYSTEMIC DISEASE OR PEST INJURY Bugburn 11 0.00 0.00 100% Hopperburn 11 0.00 0.00 100% Tungro 11 0.00 0.00 100% E. INSECT COUNT Brown planthopper 11 0.00 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	Neck blast	0	0	0		100%
Bugburn 11 0.00 0.00 100% Hopperburn 11 0.00 0.00 100% Tungro 11 0.00 0.00 100% E. INSECT COUNT Brown planthopper 11 0.00 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	Whitehead	0	0	0		100%
Hopperburn 11 0.00 0.00 100% Tungro 11 0.00 0.00 100% E. INSECT COUNT Brown planthopper 11 0.00 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	D. SYSTEMIC DISEASE OR PEST IN	JURY				
Tungro 11 0.00 0.00 100% E. INSECT COUNT Brown planthopper 11 0.00 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	Bugburn	11	0.00	0.00		100%
E. INSECT COUNT Brown planthopper 11 0.00 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	Hopperburn	11	0.00	0.00		100%
Brown planthopper 11 0.00 0.00 100% Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	Tungro	11	0.00	0.00		100%
Green leafhopper 11 0.00 0.00 100% Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	E. INSECT COUNT					
Rice black bug 11 0.00 0.00 100% Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	Brown planthopper	11	0.00	0.00		100%
Rice bug 11 0.00 0.00 100% Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	Green leafhopper	11	0.00	0.00		100%
Rice grain bug 11 0.00 0.00 100% F. RAT INJURY 11 0.00 0.00 100%	Rice black bug	11	0.00	0.00		100%
F. RAT INJURY 11 0.00 0.00 100%	Rice bug	11	0.00	0.00		100%
	Rice grain bug	11	0.00	0.00		100%
G. WEED COVER 11 0.00 0.00 100%	F. RAT INJURY	11	0.00	0.00		100%
	G. WEED COVER	11	0.00	0.00		100%

Figure 3. Incidence of pest injuries, counts of insect pests, and weed cover in Pampanga 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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