

Department of Agriculture BUREAU OF PLANT INDUSTRY Crop Pest Management Division

692 San Andres Street, Malate, Manila, Philippines Email Address: <u>cpmd@buplant.da.gov.ph</u> Tel. No.: (02) 8525-7909, (02) 8525-2987 | Website: **buplant.da.gov.ph**



PEST SURVEY DATA OF REGION IV-A (CALABARZON) April 2023

Monitoring date: April 1-15, 2023

Provinces surveyed: Batangas, Laguna, and Quezon.

Number of Monitoring fields: 36 monitoring fields (6 at fallow period, 8 just harvested, 2 planted with other crops, and 20 planted with rice)

Rice crop developmental stage: Tillering to maturity stage.

Data collector/s: Marianito Jr. Mendoza, Kent Ian Arante, and Rojohn Velasco.



Figure 1. PRIME monitoring fields in Region IV- A CALABARZON as of March 2023.

Region IV-A Batangas - All Mu	nicipalities			Ľ	Per Bisk Identification and Management
April 2023	ñ	min	max	Pest incidence (%)	1-5 >5
A. FOLIAR DISEASES					
Bacterial leaf blight	2	0.00	0.00		100%
Bacterial leaf streak	2	0.00	0.00		100%
Brown spot	2	0.00	0.44	50%	50%
Leaf blast	2	0.00	0.00		100%
Red stripe	2	0.00	0.00		100%
B. DISEASE OR PEST INJUR	Y ON TILLE	RS			
Deadheart	2	0.00	0.00		100%
Sheath blight	2	0.00	0.00		100%
C. DISEASE OR PEST INJUR	Y ON PANIC	LES			
Neck blast	2	0.00	0.00		100%
Whitehead	2	2.71	9.91	50%	50%
D. SYSTEMIC DISEASE OR P	EST INJURY				
Bugburn	2	0.00	0.00		100%
Hopperburn	2	0.00	0.00		100%
Tungro	2	0.00	0.00		100%
E. INSECT COUNT					
Brown planthopper	2	0.00	0.00		100%
Green leafhopper	2	0.00	0.00		100%
Rice black bug	2	0.00	0.00		100%
Rice bug	2	0.00	0.00		100%
Rice grain bug	2	0.00	0.00		100%
F. RAT INJURY	2	0.19	0.20		100%
G. WEED COVER	2	20.00	45.00		100%

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

April 2023	n	min	max	Pest incidence	(%)	<1 1-5 >5
A. FOLIAR DISEASES						
Bacterial leaf blight	6	0.00	0.32		67%	33%
Bacterial leaf streak	6	0.00	0.12			83% 17%
Brown spot	6	0.00	0.23	17%		83%
Leaf blast	6	0.00	0.00			100%
Red stripe	6	0.00	0.00			100%
B. DISEASE OR PEST INJUR	Y ON TILLER	s				
Deadheart	6	0.00	0.00			100%
Sheath blight	6	0.00	0.00			100%
C. DISEASE OR PEST INJUR	Y ON PANICL	ES				
Neck blast	6	0.00	0.00			100%
Whitehead	6	2.51	4.35			100%
D. SYSTEMIC DISEASE OR PI	EST INJURY					
Bugburn	6	0.00	0.00			100%
Hopperburn	6	0.00	0.00			100%
Tungro	6	0.00	0.00			100%
E. INSECT COUNT						
Brown planthopper	6	0.00	0.00			100%
Green leafhopper	6	0.00	0.50	17%		83%
Rice black bug	6	0.00	0.00			100%
Rice bug	6	0.00	2.33	17%	33%	50%
Rice grain bug	6	0.00	0.00			100%
F. RAT INJURY	6	0.38	1.80		67%	339
G. WEED COVER	6	1.67	5.00			100%

Figure 3. Incidence of pest injuries, counts of insect pests, and weed cover in Laguna 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 (%)	0 <1 1-5 >5
A. FOLIAR DISEASES					
Bacterial leaf blight	12	0.00	0.00		100%
Bacterial leaf streak	12	0.00	0.69		92% 8%
Brown spot	12	0.00	0.00		100%
Leaf blast	12	0.00	0.00		100%
Red stripe	12	0.00	0.00		100%
B. DISEASE OR PEST INJUR	ON TILLER	s			
Deadheart	12	0.00	0.00		100%
Sheath blight	12	0.00	0.00		100%
C. DISEASE OR PEST INJURY	ON PANICL	ES			
Neck blast	9	0.00	0.00		100%
Whitehead	9	0.00	2.25		78% 22%
D. SYSTEMIC DISEASE OR PI	EST INJURY				
Bugburn	12	0.00	0.00		100%
Hopperburn	12	0.00	0.00		100%
Tungro	12	0.00	0.00		100%
E. INSECT COUNT					
Brown planthopper	12	0.00	0.00		100%
Green leafhopper	12	0.00	0.00		100%
Rice black bug	12	0.00	0.00		100%
Rice bug	12	0.00	0.00		100%
Rice grain bug	12	0.00	0.80		83% 17%
F. RAT INJURY	12	0.00	1.27		84% 8% 8%
G. WEED COVER	12	0.00	13.33	41%	25% 34%

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