

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

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## **PEST SURVEY DATA OF REGION I (ILOCOS REGION)** April 2023

Monitoring date: April 11-17, 2023

**Provinces surveyed:** Ilocos Norte, La Union, and Pangasinan.

**Number of Monitoring fields:** 103 monitoring fields (56 at fallow period, 7 just harvested, 1 at land preparation, 25 planted with other crops and 14 planted with rice) **Rice crop developmental stage:** Seedling to maturity stage.

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Table 1. List of monitoring fields with  $\geq 10\%$  average incidences of foliar diseases in Ilocos Region on April 2023.

Field code	Growth stage	Pest	Incidence (%)
10003	Dough	Brown spot	11.64
10122	Milk	Brown spot	10.10
10123	Flowering	Brown spot	13.56
10147	Booting	Brown spot	13.11
10148	Dough	Brown spot	13.30

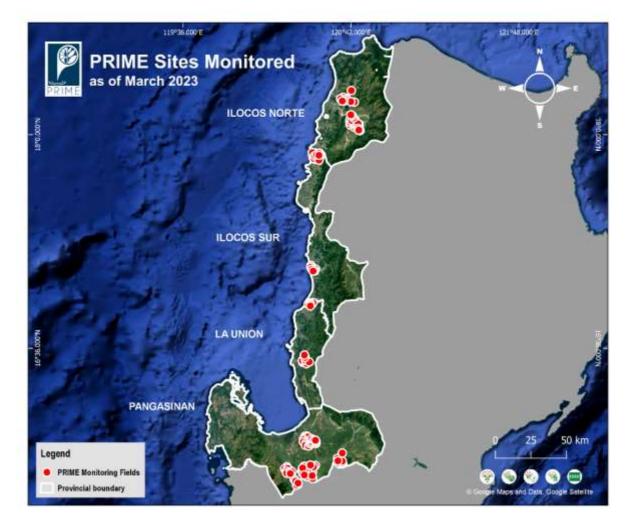


Figure 1. PRIME monitoring fields in Region I (Ilocos Region) as of March 2023.

April 2023	•	min	max	Pest incidence	(%)		1-5	>5
A. FOLIAR DISEASES								
Bacterial leaf blight	9	0.00	6.67	34% 1	1%		449	2 11%
Bacterial leaf streak	9	0.00	0.72			67%		33%
Brown spot	9	1.11	13.56	22%				77%
Leaf blast	9	0.00	2.86		56%	11%		33%
Red stripe	9	0.00	0.00					100%
3. DISEASE OR PEST INJUR	Y ON TILLER	2S						
Deadheart	9	0.00	0.67				899	% 11%
Sheath blight	9	0.00	0.00					100%
. DISEASE OR PEST INJUR	Y ON PANICI	LES						
leck blast	6	0.00	0.83		50%			50%
Whitehead	6	0.00	5.60	33%	17%		33%	17%
. SYSTEMIC DISEASE OR P	EST INJURY							
Bugburn	9	0.00	0.00					100%
lopperburn	9	0.00	0.00					100%
lungro	9	0.00	0.00					100%
. INSECT COUNT								
Brown planthopper	9	0.00	0.80	33%				67%
Green leafhopper	9	0.00	0.80	22%				78%
Rice black bug	9	0.00	0.00					100%
Rice bug	9	0.00	3.33	4	4%			56%
Rice grain bug	9	0.00	0.00					100%
RAT INJURY	9	0.00	0.00					100%
G. WEED COVER	9	0.00	36.67	4	5%	3	3%	22%

Figure 2. Incidence of pest injuries, counts of insect pests, and weed cover in Ilocos Norte 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 in	ncidence (%	5) C	<1 1	-5 >5
A. FOLIAR DISEASES								
Bacterial leaf blight	5	0.00	0.00					100%
Bacterial leaf streak	5	0.00	0.00					100%
Brown spot	5	0.00	11.64	20%			60%	20%
Leaf blast	5	0.00	0.00					100%
Red stripe	5	0.00	0.00					100%
B. DISEASE OR PEST INJUR	Y ON TILLER	s						
Deadheart	5	0.00	0.00					100%
Sheath blight	5	0.00	0.00					100%
C. DISEASE OR PEST INJUR	Y ON PANICI	LES						
Neck blast	4	0.00	0.00					100%
Whitehead	4	0.00	0.00					100%
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	0.00					100%
E. INSECT COUNT								
Brown planthopper	5	0.00	0.00					100%
Green leafhopper	5	0.00	0.00					100%
Rice black bug	5	0.00	0.00					100%
Rice bug	5	0.00	1.67			60%	20%	20%
Rice grain bug	5	0.00	0.00					100%
F. RAT INJURY	5	0.00	0.55			60%		40%
G. WEED COVER	5	0.00	20.00		40%	20%		40%

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