

Blast on Rice

Magnaporthe grisea Kolapaluwa/ Eripanthan

| | Prevention | Monitoring | Direct Control | Direct Control | Restrictions |
|---|---|---|----------------|--|--|
| <p>Lesions on the leaves (RRDI, Batalagoda)</p> | <ul style="list-style-type: none"> • Deep ploughing to destroy infected straw from the previous season • Change variety, when previous season's plants were infected by disease • Use of quality seed paddy • Use of resistant variety (Bg 366, Bg 359, Bg 352) • Timely cultivation (for Maha season mid October and Yala season April) • Use proper seed rate for long grain rice: Broadcasting - 100kg/ha Transplanting - 50 kg/ha Parachute - 10-12 kg/ha • Add partially burned paddy husk to the soil • Split application of nitrogen fertilizer (based on leaf colour charts) • Weed control to remove alternates host plants | <ul style="list-style-type: none"> • Regular visits and observation of the rice plants • Observe diamond shape lesion on the leaves • Observed infected nodes • Observe infected panicle and neck • Observe alternative host plants for symptoms • Monitor for weather conditions, such as high humidity, that favour blast development • If infection on the leaves is more than 10%, go for chemical control | | <ul style="list-style-type: none"> • Carbendazim 500g/l WP/WG | <ul style="list-style-type: none"> • Application intervals 10- 14 days; WHO Class U (Unlikely to present acute hazard in normal use); Maximum two applications |
| <p>Infected panicle (IRRI)</p> | | | | <ul style="list-style-type: none"> • Tebuconazole 250 g/l EW | <ul style="list-style-type: none"> • Application intervals 7- 10 days; WHO Class II (Moderately hazardous); Maximum two applications |
| <p>Infected node (IRRI)</p> | | | | <ul style="list-style-type: none"> • Isoprothiolane 400g/l EC • Tricyclazole 75% WP seed treatment | <ul style="list-style-type: none"> • Application intervals 7- 10 days; WHO Class II; Maximum two applications • Application intervals 10- 14 days; 2-4g /kg seed; WHO Class II; Maximum two applications |



Sri Lanka

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