

[in vitro] 잔디병원균, 엽고병에 대한 노팍스와 화학농약 혼용실험

[25°C]

1. 잔디병원균 : 엽고병 (*Bipolaris* sp.)

2. 처리약제 및 처리농도

구분	제품명	유효성분	권장농도 (희석배수)
생물 제제	노팍스	<i>B.amyloliquifaciens</i> KBC1009	500
화학 제제	H입제	Azoxystrobin	10000
	H유제	Tebuconazole	2000
	S수화제	Metconazole	2000
	B유제	Propiconazole	3000
	M수화제	Fluxapyroxad, Pyraclostrobin	2000
	G수화제	Iprodione	1000
	I액상수화제	Iprodione, Trifloxystrobin	1000
	G-2수화제	Chlorothalonil	500

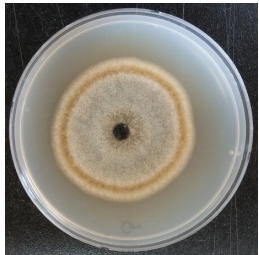
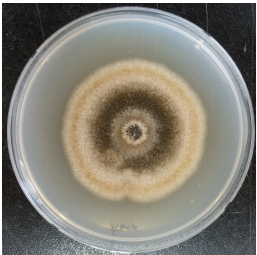
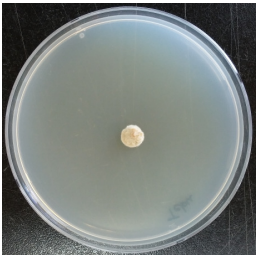
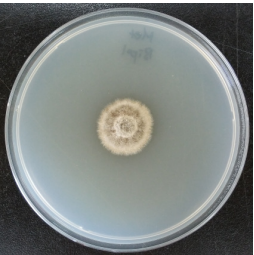
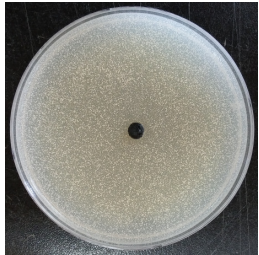
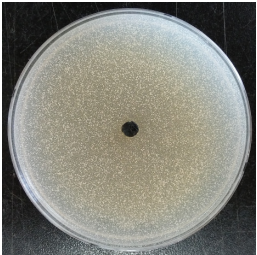
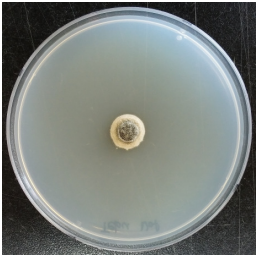

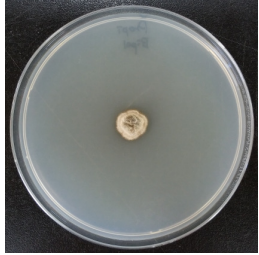
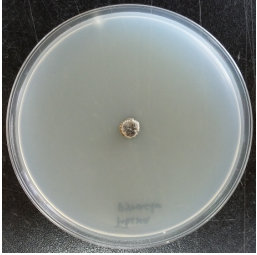
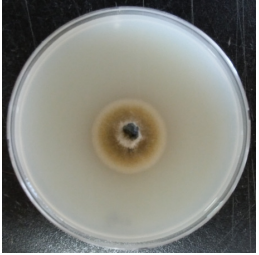
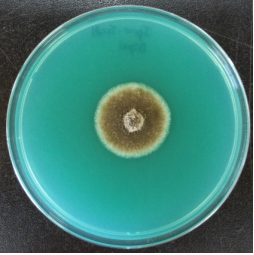

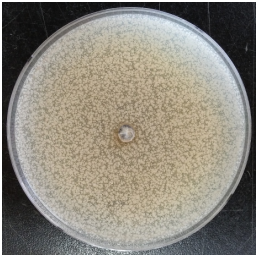
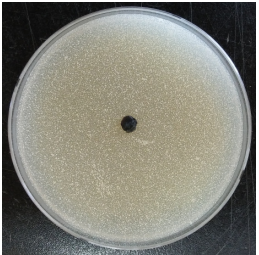
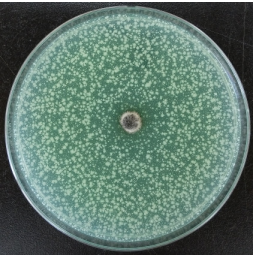
3. 시험방법 :

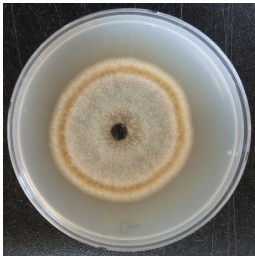

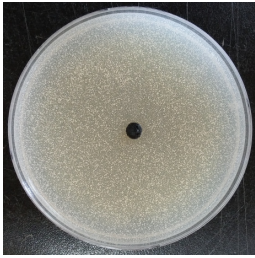
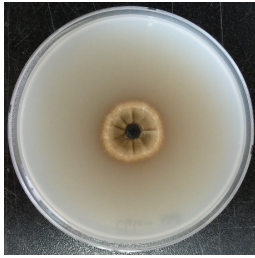
- 가) 약제처리 후 병원균접종
- 나) 병원균 접종 후 약제처리

4.시험결과

가) [병원균 접종 24시간 전에 노팡스와 화학농약 처리]

노팡스와 화학농약을 미리 배양배지에 처리하고 24시간 경과 후 잔디병원균을 접종한다. 병원균 접종 7일 후 결과확인

			
무처리	Azoxystrobin	Tebuconazole	Metconazole
			
노팡스	Azoxystrobin + 노팡스	Tebuconazole + 노팡스	Metconazole + 노팡스
			
Propiconazole	Fluxapyroxad Pyraclostrobin	Iprodione	Iprodione, Trifloxystrobin
			
Propiconazole + 노팡스	Fluxapyroxad, Pyraclostrobin + 노팡스	Iprodione + 노팡스	Iprodione, Trifloxystrobin + 노팡스

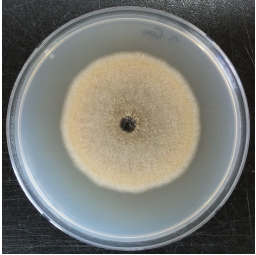
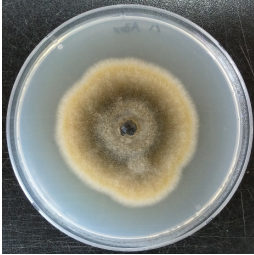
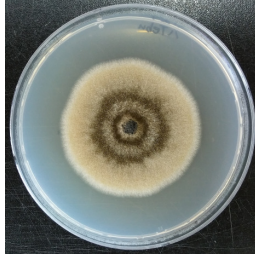
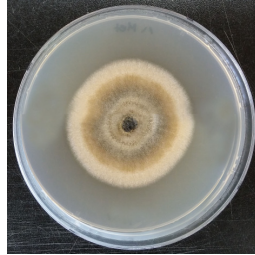
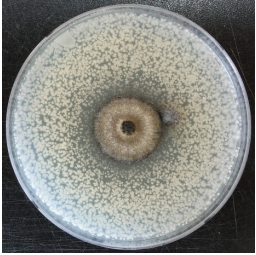
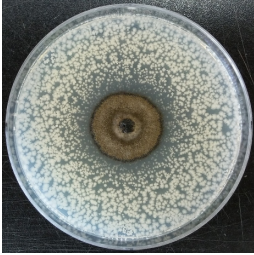
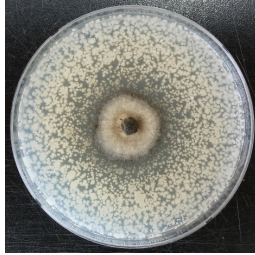
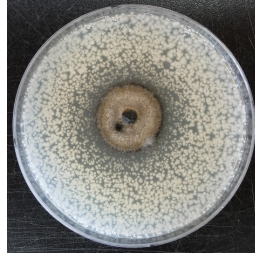
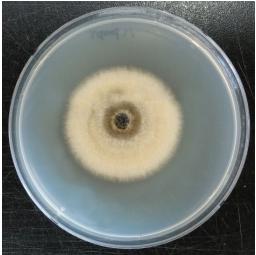
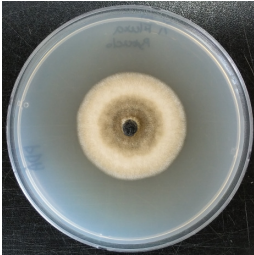
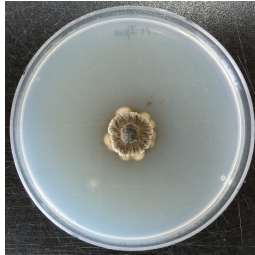
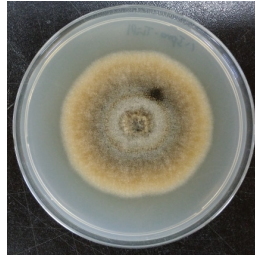

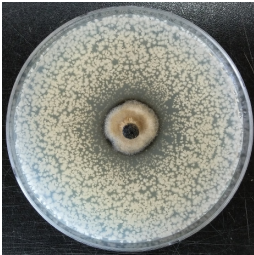
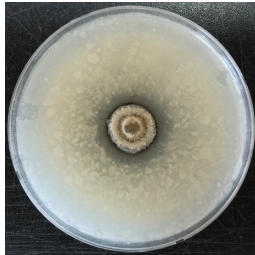
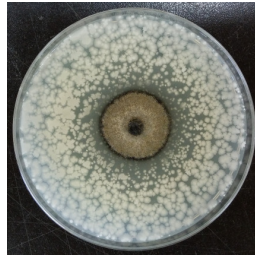
	
무처리	Chlorothalonil
	
노팡스	Chlorothalonil + 노팡스

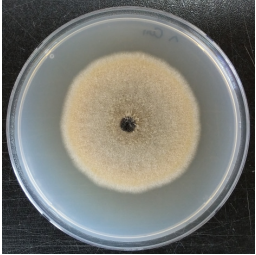
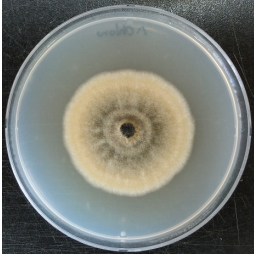
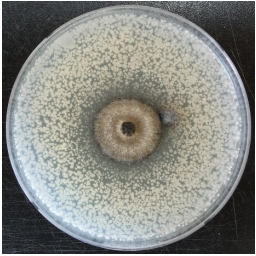
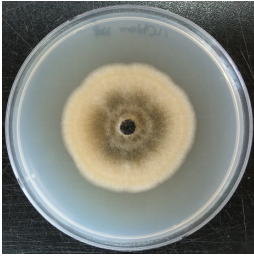
[*in vitro*]

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나) 병원균접종 후 미생물약제와 화학농약 처리

잔디병원균을 배양배지에 접종하여 12mm~ 17mm 정도 배양한 후 미생물 약제와 화학농약을 처리한다. 병원균 접종 7일 후 결과 확인

			
무처리	Azoxystrobin	Tebuconazole	Metconazole
			
노팡스	Azoxystrobin + 노팡스	Tebuconazole + 노팡스	Metconazole + 노팡스
			
Propiconazole	Fluxapyroxad, Pyraclostrobin	Iprodione	Iprodione, Trifloxystrobin
			
Propiconazole + 노팡스	Fluxapyroxad, Pyraclostrobin + 노팡스	Iprodione + 노팡스	Iprodione, Trifloxystrobin + 노팡스

	
무처리	Chlorothalonil
	
노팡스	Chlorothalonil + 노팡스