

LyondellBasell, tú socio en aditivos innovadores.

Tu Mejor Selección en Aditivos Bloqueadores

POLYBATCH AC 20230

Es un bloqueador UV inorgánico basado en nanotecnología, diseñado para uso en aplicaciones agrícolas base polietileno.

Bloquea la luz UV para proteger los productos cubiertos con películas que contienen este aditivo.

Es un aditivo no migratorio que se utiliza solamente en las capas externas, optimizando el costo beneficio de su aplicación.

En películas agrícolas, incrementa la productividad de diferentes tipos de cultivos, a través del bloqueo de luz UV.

Figura 1. Tamaño relativo de fruto de pimiento morrón producido bajo túnel control (izquierda) y con bloqueo UV (derecha).



Tabla 1. Evaluación de variables fenológicas para a producción de pimiento morrón bajo películas con bloqueo UV y control.

Tipo de película	Altura	Díámetro total	Área Foliar
		Cm	
UV Blocking	61.33	2.03	5453.95
Control	33.67	1.20	2116.56

Tabla 2. Evaluación del rendimiento del cultivo para la producción de pimiento morrón bajo túnel con películas con bloqueo UV y control.

Tipo de película	Peso seco					Rendimiento	
	Total	Hojas	Tallo	Flores	Frutos	kg/m ²	kg/planta
	Gr						
UV Blocking	86.540	30.023	24.320	0.680	31.52	4.102	1.172
Control	38.310	16.403	9.867	0.280	8.82	2.073	0.592

ABOUT US

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