



ADJUVANTS FOR  
DISEASE & INSECT CONTROL



Results.Expect it.

## BORDER™ 2.0

### DRIFT REDUCTION AGENT AND DEPOSITION AID

BORDER 2.0 is a concentrated liquid adjuvant for spray droplet management. It enhances the performance of spray applications by modifying the physical characteristics of the spray droplet, improving droplet retention while reducing off-target movement.

#### Use Rates

2–4 pints per 100 gallons of spray solution  
(0.25%–0.50% v/v)

## SYNC®

### ACTIVATOR ADJUVANT

SYNC is a unique adjuvant technology designed to enhance the performance of both contact and systemic chemistries, even when applied at reduced spray carrier volumes. SYNC improves the placement of spray solution on the leaf blade, optimizes the ability of systemic chemistries to penetrate the waxy cuticle on the leaf surface and buffers the spray solution to optimize tank mix partner solubility.

#### Use Rates

1 pint per 100 gallons of spray solution  
(0.125% v/v)

## ALYPSO™ PLUS

### INFILTRATION SURFACTANT AND WATER CONDITIONER

ALYPSO PLUS contains a naturally-derived surfactant that reduces the surface tension of water and improves the infiltration of rainfall and irrigation into and throughout the turf or plant root zone. The water conditioner in ALYPSO PLUS reduces pH and addresses issues associated with poor water quality. ALYPSO PLUS may be used in conjunction with other soil surfactants, plant protectants or plant nutrients.

#### Use Rates

32 oz. per acre  
(.25 v/v to .50 v/v)

## DISEASE CONTROL

Active ingredient	Adjuvant	
	Foliar-applied	Soil-applied
azoxystrobin	SYNC	Alypso Plus
boscalid	SYNC	
chloroneb	SYNC	
chlorothalonil	SYNC	
cyazofamid	SYNC	
fenarimol	SYNC	
fluazinam	SYNC	
fludioxonil	SYNC	
fluopicolide	SYNC	
fluoxastrobin	SYNC	
flutolanil		Alypso Plus
fluxapyroxad	SYNC	
iprodione	SYNC	
mancozeb	SYNC	Alypso Plus
mefenoxam		Alypso Plus
metalaxyl	SYNC	
metconazole	SYNC	
myclobutanil	SYNC	
PCNB	SYNC	
penthioopyrad	SYNC	
polyoxin D	SYNC	Alypso Plus
propamocarb	SYNC	
propiconazole	SYNC	Alypso Plus
pyraclostrobin	SYNC	Alypso Plus
tebuconazole	SYNC	Alypso Plus
thiophanate-methyl	SYNC	Alypso Plus
triademefon	SYNC	
trifloxystrobin	SYNC	
triticonazole	SYNC	
vinclozolin	SYNC	

# INSECT CONTROL

Active ingredient	Adjuvant	
	Foliar-applied	Soil-applied
acephate	SYNC	Alypso Plus
azadirachtin	SYNC	
bifenthrin	SYNC	
carbaryl		Alypso Plus
chlorpyrifos	SYNC	Alypso Plus
chlorantraniliprole	SYNC	Alypso Plus
chlothianidin		Alypso Plus
cyfluthrin	SYNC	Alypso Plus
deltamethrin	SYNC	Alypso Plus
fipronil		Alypso Plus
halofenozide		Alypso Plus
imidacloprid	SYNC	Alypso Plus
indoxacarb	SYNC	
lambda-cyhalothrin	SYNC	Alypso Plus
permethrin	SYNC	Alypso Plus
pyrethroids	SYNC	Alypso Plus
spinosad A or D	SYNC	
thiamethoxam		Alypso Plus
trichlorfon		Alypso Plus

## Recommendations

*Border 2.0 for every spray application to ensure*

*fungicides and insecticides reach the intended target.*

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# BENEFITS OF DISEASE & INSECT CONTROL

- More consistent turf stands and playing surfaces
- Healthier turf plants
- Improved aesthetics
- Reduction of potentially harmful disease and pest populations

Disease and insects can adversely affect the health of turfgrass plants. This can result in turf loss, a decrease in quality of playing conditions and an overall reduction of aesthetic appearance. Managing the spray solution in the tank, through the air and on the target improves the performance of fungicides and insecticides. Precision spray tank adjuvants condition spray solutions, get them to the target and improve fungicide and insecticide coverage and uptake, resulting in a healthier and more consistent stand of turf.

Consult Precision Laboratories' Adjuvant Use Guide for a more comprehensive listing of adjuvant recommendations. A PDF version can be viewed and downloaded at [PrecisionLab.com](http://PrecisionLab.com).