



Burrus Seed Treatments

Technology & Tradition for Your Profitability.

We're different — Poncho/ VOTIVO 500 is standard on Burrus, Hughes, and PowerPlus® brands.

Components of Burrus PowerShield® treatment packages are based on testing under cold, wet conditions in many environments over multiple years.

BIOSTACKED® TECHNOLOGY

PowerShield seed treatment on corn and soybeans consists of biologicals from BioStacked® technology.

The result of Becker Underwood's proprietary research, it combines complimentary biological components for greater yield, an even stand in adverse conditions, and rapid early growth because of enhanced root growth and uptake of nutrients.

CORN

PowerShield on corn consists of an insecticide, multiple fungicides, nematicides, and biologicals. Our competitors might have Poncho® or Cruiser® 250 as standards.

The higher rate of Poncho or Cruiser insecticide in our corn seed treatment ensures greater systemic protection against early season insects such as wireworm, black cutworm, and grape colapsis. Avicta Complete® 500 is standard on our Catalyst brands.

The nematicides, VOTIVO and Avicta, protect corn against many nematodes early in the season. Competitor seed treatments vary in their specific and broad spectrum disease control.

PowerShield on corn has Maxim® Quattro with four fungicidal modes for systemic and contact protection against early season fungal pathogens such as *Pythium spp.*, *Fusarium spp.*, *Rhizoctonia spp.*, and many others.

SEED TREATMENT CHART

CORN PRODUCTS		INSECTICIDES	ACTIVE INGREDIENT	A.I. PER SEED	CONTACT OR SYSTEMIC	WIREWORM	BLACK CUTWORM	WHITE GRUB	CORN ROOTWORM	SEEDCORN MAGGOT	FLEA BEETLE	GRAPE COLAPSIS	BILLBUG	CHINCH BUG	APHID	SOUTHERN CORN LEAF BEETLE	SOUTHERN GREEN STINK BUG	THRIPS
		Poncho® 250	Clothianidin	0.25 mg	S	●●	●●	●●	NL	●●	●●	●●	NL	●●	●●	●●●	●●	●●
Burrus® Hughes®, Power Plus®	Standard	Poncho® 500	Clothianidin	0.5 mg	S	●● [●]	●● [●]	●●	NL	●●	●●	●● [●]	NL	●●	●●	●●●	●●	●●
	Select Hybrids	Poncho® 1250	Clothianidin	1.25 mg	S	●●●	●●●	●●●	●●	●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●	●●●
		Cruiser® 250	Thiamethoxan	0.25 mg	S	●●	●●	●●	NL	●●	●●	●●	NL	●●	●●	●●●	●●	●●
Catalyst®	Standard	Cruiser® 500	Thiamethoxan	0.5 mg	S	●● [●]	●● [●]	●●	NL	●●	●●	●● [●]	NL	●●	●●	●●●	●●	●

●●● Best activity NL Not on label ● Some activity *seed beetle control

EARLY SEASON DISEASES CONTROLLED

CORN PRODUCTS		FUNGICIDES	ACTIVE INGREDIENT	A.I. PER SEED	CONTACT OR SYSTEMIC	FUSARIUM SPP.	PYTHIUM SPP.	RHIZOCTONIA SPP.	ANTHRACNOSE	HEAD SMUT	DIPLODIA SPP.	CHARCOAL ROT	ASPERGILLUS SPP.	PENICILLIUM SPP.
All Brands	Standard	Maxim® Quattro	Azoxystrobin	0.0025 mg	S	●	●	●	●	●	●	●	●	●
			Fludioxonil	0.0064 mg	C	●	●	●	●	●	●	●	●	●
			Metaxyl - M / Mefenoxan	0.0050 mg	S		●							
			Thiabendazole	0.0025 - 0.0500 mg	S	●			●	●	●	●	●	●

● Main disease controlled ● Broad spectrum controlled

EARLY SEASON NEMATODES CONTROLLED

CORN PRODUCTS		NEMATOCIDE	ACTIVE INGREDIENT	CONTACT OR SYSTEMIC	DAGGER	LANCE	NEEDLE	PIN	RING	ROOT KNOT	ROOT LESION	SPIRAL	STING	STUBBY ROOT	STUNT
Burrus® Hughes®, Power Plus®	Standard	VOTIVO®	<i>Bacillus firmus</i>	C	●	●	●	●	●	●	●	●	●	●	●
Catalyst®	Standard	Avicta®	Abamectin <i>Streptomyces avermitilis</i>	C	●	●	●	●	●	●	●	●	●	●	●
All Brands	Standard	BIOSTACKED® TECHNOLOGY	Biological	*Biostacked® Technology is a result of Becker Underwood's proprietary research that combines complimentary biological components to achieve greater yield.											



“No other seed company is as committed to your success as Burrus; providing the very best in seed treatments is just one example. We want you to get a growing start under any conditions — that’s why we back our seed corn and PowerShield treated soybeans with a 100% free replant* guarantee. Our commitment is to get you the best stand the first time you plant a field.”

— Tom Burrus, President

*Seed supply is subject to availability at the time of the replant need.

SOYBEANS

Gaucha® 600 is the insecticide in PowerShield soybeans because it provides greater early season protection from aphids compared to other insecticidal seed treatments. It also protects against many other early season insects.

High rate (.15 mg/seed) ILeVO® is available as PS SDS seed treatment and optional on Power Plus® 25A5™, 26Z5™, 30B5™, 36J3™, 39R5™, Hughes 285LL, Hoblit 384LL, and 405LL. ILeVO brings fungicidal and nematicidal activity within the seed zone to protect against SDS above and below ground.

Hughes, PowerPlus®, and Hoblit soybeans all have PowerShield seed treatment with insecticide, multiple fungicides, and biologicals.

PowerShield soybeans have Evergol™ Energy providing systemic fungicides against early season diseases such as *Pythium spp.*, *Phytophthora spp.*, *Fusarium spp.*, and *Rhizoctonia spp.* Unlike others, we also offer Allegiance® for even longer early season control of *Phytophthora spp.* and *Pythium spp.*

SEED TREATMENT CHART

EARLY SEASON PESTS CONTROLLED																
SOYBEAN PRODUCTS		INSECTICIDES AND NEMATOCIDES	ACTIVE INGREDIENT	A.I. PER SEED	CONTACT OR SYSTEMIC	APHID	BEAN LEAF BEETLE	SEEDCORN MAGGOT	THRIPS	PLANT BUG	LEAF HOPPER	GRAPE COLASPIS	WHITE GRUB	WIREWORM	THREE CORNERED ALFALFA HOPPER	SCN
All Brands	Standard	Gaucha® 600	Imidacloprid	0.10 mg	C/S	●●●	●●●●	●●	●●	●●	NL	●*	●●*	●●*	NL	NL
See second paragraph above	Optional	ILeVO®	Fluopyram	0.15 mg	S	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	●
		Poncho® Volivo	Clothianidin	0.13 mg	C/S	●●	●●●●	●●●●	●●	NL	●●	●● [●]	●●	●●	●●	●
		Cruiser® 500	Thiamethoxaon	0.0756 - 0.1512 mg	C/S	●●	●●●●	●●●●	●●	NL	●●	●● [●]	●●	●●	●●	NL

●●● Best activity NL Not on label ● Some activity ● Other nematodes controlled *pests controlled on corn label

EARLY SEASON DISEASES CONTROLLED														
SOYBEAN PRODUCTS		FUNGICIDES	ACTIVE INGREDIENT	A.I. PER SEED	CONTACT OR SYSTEMIC	PHYTOPHTHORA SPP.	PYTHIUM SPP.	FUSARIUM SPP.	RHIZOCTONIA SPP.	BOTRYTI CINEREA	PHOMOPSIS SPP.	ASCOCHYTA*	DOWNY MILDEW	SDS
All Brands	Standard	EverGol™ Energy	Prothiconazole	0.036 mg	S			●	●	●	●	●		
			Penflufen	0.017 mg	S			●	●	●	●			
			Metaxyl	0.029 mg	S	●+	●+						●	
All Brands	Standard	Allegiance®	Metaxyl	0.018 mg	S	●+	●+						●	
See second paragraph above	Optional	ILeVO®	Fluopyram	0.15 mg	S									●
All Brands	Standard	BIOSTACKED® TECHNOLOGY	Biological	*Biostacked® Technology is a result of Becker Underwood's proprietary research that combines complimentary biological components to achieve greater yield.										

● Main disease controlled ● Broad spectrum controlled *longer season control of Phytophthora and Pythium *suppression only of Ascochyta

