

Table contains many conventional fungicides labeled for diseases of cucurbit crops, approximate cost per acre of an application, number of acres that can be treated with the package size available, and diseases labeled. Most products listed have mobility and/or targeted activity. The last three are contact protectant fungicides.

Fungicide	Price	Unit	Rate/A	Unit	Cost/A	Pkg Size	A/treated	AB	AL	A	ALS	BLS	DM	F	GSB	PhB	PIB	PM	S
Actigard	\$57.08	oz	0.5-1	oz	\$29-57	8 oz	8-16				R	R	L					L	L
Aprovia Top 1.62 EC	\$389.91	gal	10.5-13.5	fl oz	\$32-41	1 gal	9.5-12.2	R	R	R					R		R		R
Curzate 60 DF	\$57.16	lb	3.2-5	oz	\$11-18	4 lb	12.8-20						R						
Elumin 4 SC	\$467.99	gal	8	fl oz	\$29	1 gal	16						R			R			
Endura	\$92.11	lb	6.5	oz	\$37	6.5 lb	16	R							nr			nr	
Forum 4.17 SC	\$391.96	gal	6	fl oz	\$18	1 gal	21.3						R/nr			R			
Gatten	\$125	qt	6-8	fl oz	\$23-31	1 qt	4-5.3											R	
Gavel 75 DF	\$12.49	lb	1.5-2	lb	\$19-25	30 lb	15-20						R			R			
Inspire Super 2.82 EW	\$325.13	gal	16-20	fl oz	\$41-51	1 gal	6.4-8.0	R	R	R					R		R	nr	
Luna Experience 3.34 SC	\$5.93	oz	6-17	fl oz	\$36-101	32 oz	1.9-5.3		R	R					R			R	
Miravis Prime 3.34 SC	\$569.08	gal	9.2-11.4	fl oz	\$41-51	2.5 gal	28.1-34.8	R	R						R			R	R
Omega	\$506.68	gal	0.75-1.5	pt	\$48-95	2.5 gal	13.3-26.7		R				R		R	R			
Orondis Gold	\$1,838.30	case			\$92-184											R			
Orondis Opti	\$210.49	gal	1.75-2.5	pt	\$46-66	2.5 gal	8.0-11.4						R						
Orondis Ultra	\$1,018.50	gal	5.5-8	fl oz	\$44-64	1 gal	16.0-23.3									R			
Phiticide (phosphorus acid)	\$21.40	gal	2.5-5	pt	\$7-13	2.5 gal	4.0-8.0						nr			R			
Presidio 4 SC	\$350.93	qt	3-4	fl oz	\$33-44	1 qt	8.0-10.7						R/nr			R			
Previcur Flex 6F	\$92.09	gal	1.2	pt	\$14	2.5 gal	16.7						R/nr						
Pristine 38 WG	\$3.90	oz	12.5-18.5	oz	\$49-72	120 oz	6.5-9.6											nr	
Procure 480 SC	\$113.69	qt	4-8	fl oz	\$14-28	1 qt	4.0-8.0											R	
Proline 480 SC	\$655.94	gal	5.7	fl oz	\$29	2.5 gal	56.1							R	R			R	
Proливо	\$4.40	oz	4-5	fl oz	\$18-22	32 oz	6.4-8.0											nr	
Quintec 2.08 SC	\$4.46	oz	4-6	fl oz	\$18-27	30 oz	5-7.5											R	
Rally 40 WSP	\$3.93	oz	2.5-5	oz	\$10-20	20 oz	4-8											nr	
Ranman 400 SC	\$1,180.93	gal	2.1-2.75	fl oz	\$19-25	1 qt	11.6-15.2						R			R			
Revus	\$505	gal	8	fl oz	\$32	1 gal	16.0						R/nr			R			
Rhyme 2.08 SC	\$3.46	oz	5-7	fl oz	\$17-24	50 oz	7.1-10.0								R			R	
Switch	\$6.96	oz	11-14	oz	\$77-97	28 oz	2-2.5	R	R						R			L	
Tanos 50 DF	\$57.65	lb	8	oz	\$29	7.5 lb	15						nr						
Torino 0.85 SC	\$8.94	oz	3.4	oz	\$30	34 oz	10.0											nr	
Vivando 2.5 SC	\$311.87	gal	15.4	fl oz	\$38	1 gal	8.3											R	
Zampro 525SC	\$3.30	oz	14	fl oz	\$46	140 oz	10.0						R			R			
Zing! 4.9 SC	\$97.91	gal	36	fl oz	\$28	2.5 gal	8.9						R			R			
PROTECTANT Fungicides:																			
Chlorothalonil 720	\$51.47	gal	1.5-3	pt	\$10-19	1 gal	6.7-13.3	R	R	R			R		R			R	R
Microthiol Disperss	\$1.13	lb	2-10	lb	\$2-11	30 lb	3-15											R	
Kocide 3000	\$8.16	lb	0.5-1.25	lb	\$4-10				L	L	R		nr		L			nr	

Disease name abbreviations: Alternaria blight (AB), Alternaria leaf spot (AL), angular leaf spot (ALS), anthracnose (A), bacterial leaf spot (BLS), downy mildew (DM), Fusarium blight aka Fusarium crown rot and fruit rot (F), gummy stem blight (GSB), Phytophthora blight (PhB), Plectosporium blight (PIB), powdery mildew (PM), scab (S)

R = recommended, nr = not recommended, L = labeled. R/nr= not recommended for DM on cucumber and cantaloupe because of resistance.

Prepared 1-15-21 by Margaret Tuttle McGrath, Cornell University