



INSECTICIDE	Pest Control	Rate (per acre)	Notes
<b>Intrepid 2F<sup>®</sup></b> Methoxyfenozide <b>IRAC Group:</b> 18 <b>PHI:</b> 1 day <b>REI:</b> 4 hrs	Armyworms, beet, fall, southern, true, yellowstriped Cabbageworm, imported Looper, cabbage Webworm, cabbage, garden <b>Suppression:</b> Cutworms	8 – 10 fl oz	<b>Max Application Rate:</b> 16 fl oz <b>Max Annual Rate:</b> 64 fl oz (1 lb ai) <b>Max Consecutive Group 18 Insecticide Applications:</b> 2 <b>Ground Application:</b> 10 - 30 GPA recommendation <b>Air Application:</b> 10 GPA recommendation <b>Chemigation:</b> 2(ee) Recommendation for sprinkler application. See label. <ul style="list-style-type: none"> <li>• Base rate on pressure, canopy, environmental factors.</li> <li>• Higher rates for quicker kill, longer residual.</li> <li>• Tank mix with pyrethroid for quicker activity on corn earworm, etc</li> <li>• Spreader-sticker recommended</li> </ul>
<b>Radiant<sup>®</sup> SC</b> Jemvelva™ active Spinetoram <b>IRAC Group:</b> 5 <b>PHI:</b> 1 day <b>REI:</b> 4 hrs	Armyworms (except Western and yellowstriped) Cabbageworm, imported Looper, cabbage Moth, Diamondback, Light brown apple	5 – 10 fl oz	<b>Max Annual Rate:</b> 34 fl oz (0.266 lb ai spinetoram) <b>Max Applications Per Crop:</b> 6 <b>Max Consecutive Group 5 Insecticide Applications:</b> 2 <b>Ground Application:</b> 10 - 30 GPA recommendation <b>Air Application:</b> 5 GPA recommendation <b>Chemigation:</b> 2(ee) Recommendation for sprinkler application. See label. <ul style="list-style-type: none"> <li>• Add a penetrating surfactant to improve leafminer, thrips control</li> <li>• Maintain spray mixture between pH 6.0 – 9.0 before adding</li> <li>• Labeled for Crop Group 5 – Brassica (cole) leafy vegetables</li> </ul>
	Leafminers Thrips	6 – 10 fl oz	
	<b>Suppression:</b> Maggot, Cabbage root	5 – 10 fl oz	
<b>Sequoia<sup>®</sup></b> Isoclast™ active Sulfoxaflor <b>IRAC Group:</b> 4C <b>PHI:</b> 3 days <b>REI:</b> 12 hrs	Aphids	1.5 – 2 fl oz	<b>ARIZONA LABEL</b> <b>Max Annual Rate:</b> 17 fl oz (0.266 lb ai of sulfoxaflor) <b>Max Consecutive Applications:</b> 2 <b>Max Application Per Crop:</b> 4 <b>Chemigation:</b> Sect 24c SLN in AZ. See label. <ul style="list-style-type: none"> <li>• Labeled for Brassica Head &amp; Stem Vegetables (Crop Group 5-16) and Kohlrabi.</li> <li>• No tank mixing restrictions</li> <li>• Do not apply this product at any time between 3 days prior to bloom and until after petal fall</li> </ul>
	Whitefly, silverleaf Whitefly, sweetpotato	4.25 – 5.75 fl oz	
	<b>Suppression:</b> Thrips	5.75 fl oz	

NATURALYTE <sup>®</sup> INSECT CONTROL	Pest Control	Rate (per acre)	Notes
<b>Entrust<sup>®</sup> SC</b> Qalcovia™ active Spinosad <b>IRAC Group:</b> 5 <b>PHI:</b> 1 day <b>REI:</b> 4 hrs	Moth, Diamondback	1.5 – 4 fl oz	<b>Max Annual Rate:</b> 29 fl oz (0.45 lb ai spinosad) <b>Max Annual Applications:</b> 6 <b>Max Consecutive Group 5 Insecticide Applications:</b> 2 <b>Ground Application:</b> 10 - 30 GPA recommendation <b>Air Application:</b> 5 GPA recommendation <b>Chemigation:</b> 2(ee) Recommendation for sprinkler application. See label. <ul style="list-style-type: none"> <li>• Maintain spray mixture between pH 6.0 – 9.0 before adding</li> <li>• Control of leafminers and thrips may be improved with the addition of an adjuvant to the spray mixture</li> <li>• See Use of Adjuvants section under Mixing Directions</li> </ul>
	Cabbageworm, imported Looper, cabbage	3 – 6 fl oz	
	Armyworms Leafminers Thrips	4 – 10 fl oz	
	<b>Suppression:</b> Beetle, flea Maggot, cabbage root	4 – 8 fl oz 5 – 10 fl oz	



biologicals	Crops	Rate (per acre)	Notes
<b>Utrisha<sup>®</sup>N</b> Methylobacterium symbioticum	Cole Crops	5 oz	<b>Timing:</b> Apply between 4 leaf stage to beginning of tillering/branch development <ul style="list-style-type: none"> <li>Natural bacteria that can supplement nitrogen to the plant</li> <li>Supplemental nitrogen source to add to nitrogen management program</li> <li>Best applied early in the morning, when a greater number of stomata are open</li> <li>Enhances Nitrogen Use Efficiency (NUE) and reduces dependency on nitrogen uptake from the soil</li> </ul>



BIOLOGICAL FUNGICIDE	Disease Control	Rate (per acre)	Notes
<b>Bexfond<sup>®</sup></b> Bacillus amyloliquefaciens subspecies plantarum strain FZB42	Rhizoctonia Fusarium Sclerotinia Verticillium Phytophthora	7 - 14 fl oz	<ul style="list-style-type: none"> <li>Active ingredient is a bacteria that colonizes the root zone and suppresses soil-borne pathogens</li> <li>Stronger plants have increased abiotic and biotic stressor tolerance</li> <li>Wide range of application methods</li> <li>Tank-mix compatible with most plant nutrition and agrochemical products</li> <li>Certified for organic production</li> </ul>



FUNGICIDE	Disease Control	Rate (per acre)	Notes
<b>Fontelis<sup>®</sup></b> Penthiopyrad <b>FRAC Group:</b> 7 <b>PHI:</b> 0 days <b>REI:</b> 12 hrs	Alternaria, black spot, leaf spot Gray mold (Arizona Only) Pin rot Powdery mildew Sclerotinia stem rot	14 - 30 fl oz 16 - 30 fl oz	<b>Max Annual Rate:</b> 72 fl oz (0.94 lb ai of Penthiopyrad) <b>Max Consecutive MOA Applications:</b> 2 <ul style="list-style-type: none"> <li>Begin application prior to disease development, continue on 7- to 14-day interval</li> <li>Apply by ground or air</li> </ul>

HERBICIDE	Disease Control	Rate (per acre)	Notes
<b>Stinger<sup>®</sup></b> Clopyralid <b>Group:</b> 4 <b>PHI:</b> 30 days <b>REI:</b> 12 hrs	Buckwheat, wild Chamomile Clover Cocklebur, common Dandelion Galinsoga Pineappleweed Prickly lettuce Ragweed Smartweed <b>Suppression:</b> Sowthistle, annual Thistle, Canada	4 - 8 fl oz 5.3 - 8 fl oz	<b>Max Annual Rate:</b> 8 fl oz (0.187 lb ai of Clopyralid) <b>Max Consecutive MOA Applications:</b> 2 <b>Spray Volume:</b> 20-40 GPA recommended <b>Timing:</b> Apply when weeds are 5-6 leaves or less and crop is minimum third true leaf <ul style="list-style-type: none"> <li><b>Sensitive crops should NOT be planted back for 6-10 months.</b></li> <li>Post-emergence weed control in Brassica (Cole) Leafy Vegetables.</li> <li>Thoroughly clean spray equipment after use.</li> </ul>

For more information on Corteva Agriscience™ Crop Protection Cole Crop Products, please contact your local Corteva territory manager or call **800-258-3033**.

Visit us at [corteva.us/Vegetables](https://corteva.us/Vegetables)

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