



# Product Use Overview



| U.S. (excluding California) |

	Product	Organic Solution	Key Problems / Uses	Product Benefits and Use Recommendations
Fungicides	Excalia® Fungicide		Early and late leaf spot (suppression), Rhizoctonia limb and pod rot, Sclerotinia blight, white mold	Best-in-class tool for growers to combat white mold in peanuts, even under heavy pressure. Labeled rate range: 2–4 fl oz/A. Make up to four applications, but do not exceed 8 fl oz/A per year. REI: 12 hours. PHI: 40 days.
	Quash® Fungicide		Southern blight/stem rot	Can be used in a four-block spray program targeting Southern blight/stem rot. For improved leafspot control (or resistant leafspot), tank mix with a leafspot fungicide. Can also be applied aerially. Labeled rate range: 2.5–4 oz/A. REI: 12 hours. PHI: 14 days.
Herbicides	Cobra® Herbicide		Morningglories, Palmer amaranth, pigweeds	Apply after six true leaves. Always use crop oil concentrate. Can be tank mixed with 2,4-DB. Labeled rate: 12.5 fl oz/A. REI: 12 hours. PHI: 45 days.
	Select Max® Herbicide with Inside Technology™		Annual and perennial grasses	Add NIS or COC plus AMS (for improved uptake). For repeat applications, allow at least 14 days between sprays. Can also be applied aerially. Labeled rate range for annual grasses: 9–16 fl oz/A. Labeled rate range for perennial grasses: 12–32 fl oz/A. REI: 24 hours. PHI: 40 days.
	Valor® EZ Herbicide <sup>2</sup> Valor® SX Herbicide		Broadleaf weed control, including Palmer amaranth and Florida beggarweed	Apply within two days after planting. Can also be applied aerially. Valor EZ labeled rate range: 2–3 fl oz/A. Valor SX labeled rate range: 2–3 oz/A. REI: 12 hours.
Insecticides	Asana® XL Insecticide		Lepidopteran pests, including corn earworm, cutworms, grasshoppers, leafhoppers, velvetbean caterpillar	Provides extended insecticidal activity, longer than most synthetic pyrethroids for outstanding pest control. Can be applied by ground or aerial application equipment. Labeled rate range: 2.9–9.6 fl oz/A. REI: 12 hours PHI: 21 days. <b>Asana XL is a restricted use pesticide.</b>
	Danitol® 2.4 EC Spray		Potato leafhopper, two-spotted spider mite	Quick knock down of a broad spectrum of pests and can also be applied aerially. Labeled rate range: 10⅔–16 fl oz/A (6–10⅔ fl oz/A for potato leafhopper). REI: 24 hours. PHI: 14 days. <b>Danitol is not labeled for use in New York on peanuts. Danitol is a restricted use pesticide.</b>
	DiPel® DF Biological Insecticide Dry Flowable <sup>†</sup>	X	Lepidopteran pests, including armyworms, loopers, velvetbean caterpillar	Environmentally-friendly and effective control of Lepidopteran larvae. Scout fields and apply when insects are hatching or small larvae are present. Can also be applied aerially. Labeled rate range: 0.5–1 lb/A. REI: 4 hours. PHI: 0 days.
	DiPel® ES Biological Insecticide Emulsifiable Suspension		Lepidopteran pests, including armyworms, loopers, velvetbean caterpillar	Can be used in tank mix with pyrethroids to improve overall larvae control. Can also be applied aerially. Labeled rate range: 1–4 pt/A. REI: 4 hours. PHI: 0 days.
	XenTari® Biological Insecticide Dry Flowable <sup>†</sup>	X	Lepidopteran pests, including armyworms, loopers, velvetbean caterpillar	Treat when larvae are young (early instars) and before significant feeding damage is observed. Can also be applied aerially. Labeled rate range: ½–2 lb/A. REI: 4 hours. PHI: 0 days.



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<sup>†</sup>DiPel® DF Biological Insecticide Dry Flowable and XenTari® Biological Insecticide Dry Flowable are NOP compliant and OMRI Listed for organic production.

Asana XL and Danitol are restricted use pesticides.



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