



Product Use Overview



	Product	Organic Solution	Key Problems / Uses	Product Benefits and Use Recommendations
Fungicide	Presidio® Fungicide		Black shank, blue mold, Pythium root rot	Targeted chemistry that protects tobacco threatened by black shank, Pythium root rot and blue mold. For black shank control, apply as a post-transplant, soil-directed spray at layby or at 1st cultivation. For resistance management, do not make sequential applications of <i>Presidio</i> . Do not make more than three total applications per year. Labeled rate: 4 fl oz/A. REI: 12 hours. PHI: 7 days (for blue mold only). <i>Presidio</i> is not labeled for use in California on tobacco.
	Belay® Insecticide		Aphids, flea beetles, tobacco budworm and tobacco hornworm (suppression)	Apply when target pest(s) threshold populations are observed. Do not wait until population beyond threshold has been established. Labeled rate range: 3–4 fl oz/A. REI: 12 hours. PHI: 14 days.
Insecticides	DiPel® DF Biological Insecticide Dry Flowable	X	Lepidopteran pests, including tobacco budworm, tobacco hornworm, loopers	Kills Lepidopteran pests in tobacco to protect quality and yield. Outstanding crop safety and approved for export globally. Scout plants and fields to make application when eggs are hatching and/or when larvae are small before pest economic thresholds have been exceeded. See label for details on applications to stored tobacco. Labeled rate range: 0.5–1 lb/A. REI: 4 hours. PHI: 0 days.
	DiPel® ES Biological Insecticide Emulsifiable Suspension		Lepidopteran pests, including tobacco budworm, tobacco hornworm, loopers	A highly-selective insecticide for use against larvae of Lepidopteran pests. Treat when eggs are hatching and when larvae are young before economic thresholds of damage have been exceeded. Repeat applications at an interval sufficient to maintain control, usually 3 to 14 days. Labeled rate range: 0.5–2 pt/A. REI: 4 hours. <i>DiPel ES</i> is not labeled for use in California on tobacco.
	Exponent® Insecticide Synergist		For use as a synergist in a tank mix to aid in improving the control of insects	Aids in inhibiting mixed function oxidative resistance in insects. Raises level of control by increasing insect susceptibility to insecticides. Labeled rate range: 2–8 fl oz/A. REI: 12 hours.
	XenTari® Biological Insecticide Dry Flowable†	X	Lepidopteran pests, including armyworms, hornworms*, loopers, tobacco budworm *Except California	Treat when larvae are young (early instars) before crop is damaged. Labeled rate range: 0.5–2 lb/A. REI: 4 hours. PHI: 0 days.



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Always read and follow label instructions. Check to be sure product is approved in your area before use and contact Valent or your local state agency for more information.

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



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