



Product Use Overview



| California |

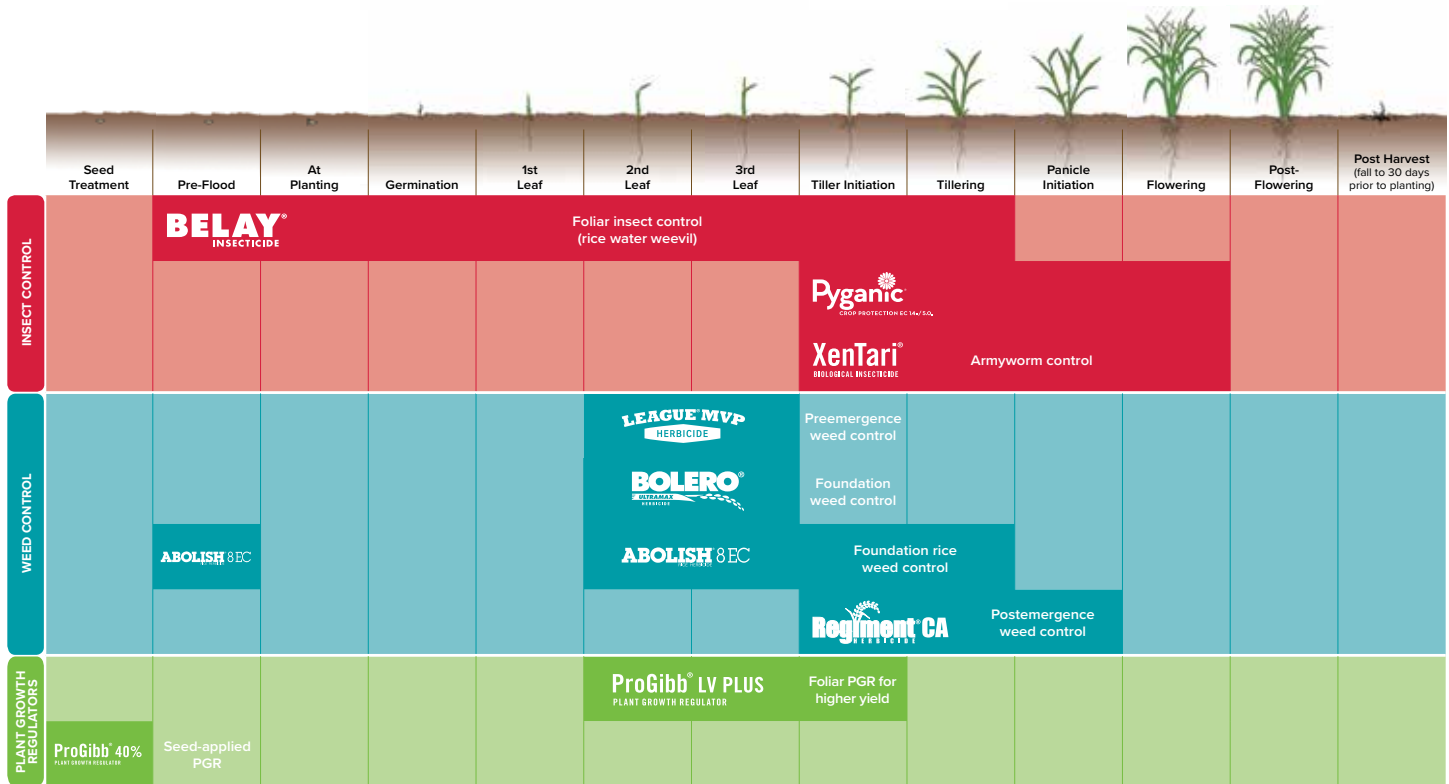
| | Product | Organic Solution | Key Problems / Uses | Product Benefits and Use Recommendations |
|--------------|-------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Insecticides | Belay® Insecticide | | Rice seed midge (suppression), rice water weevil | Apply as a pre- or post-flood treatment when thresholds for the target insect pests are observed. Ground and air applications need to use sufficient water to provide full and uniform coverage of the foliage across the field. Use a minimum of 3 GPA for aerial applications. Labeled rate: 4.5 fl oz/A. REI: 12 hours. PHI: up to 3rd tiller. |
| | Pyganic® Crop Protection EC 1.4 _{ii} / 5.0 _{ii} | X | Armyworms, blister beetles, chinch bugs, grasshoppers, leafhoppers, plant bugs, rice weevils, stink bugs | Apply when target pest(s) threshold populations are observed. Labeled rate range: <i>Pyganic</i> 1.4 _{ii} : 16–64 fl oz/A. Use 32 fl oz/A for most situations, adjust rate as needed for control. <i>Pyganic</i> 5.0 _{ii} : 4.5–15.61 fl oz/A. Use 9 fl oz/A for most situations, adjust rate as needed for control. Maximum 10 applications per season. REI: 12 hours. PHI: 0 days. |
| | XenTari® Biological Insecticide Dry Flowable | X | Armyworms | Treat when larvae are young (early instars) before crop is damaged. Do not release floodwaters within 7 days of application; limit the number of applications per crop to two. Labeled rate range: 0.5–2 lb/A. REI: 4 hours. PHI: 0 days. |
| Herbicides | Abolish® 8 EC Rice Herbicide | | Sprangletop, smallflower umbrellaplant, watergrass | Provides consistent contact and residual control. Use early postemergence in dry-seeded rice, preplant non-incorporated in water-seeded rice and pinpoint flood culture. Can be tank mixed with either propanil or Regiment® CA Herbicide to increase spectrum and add residual weed control depending on cultural practice and weed diversity. REI: 12 hours. Dry-Seeded <ul style="list-style-type: none">• Early postemergence (non-flooded): 2 qt/A Water-Seeded <ul style="list-style-type: none">• Preplant non-incorporated (non-flooded)/postemergence pinpoint flood culture (non-flooded): 2 qt/A• Postemergence flood culture (flooded): 2–3 pt/A• Early postemergence application (non-flooded) on rice grown in decomposed granitic soils: 3 pt/A |
| | Bolero® UltraMax Herbicide | | Barnyardgrass/watergrass (suppression), smallflower umbrellaplant, sprangletop | A tried-and-true tool for foundation weed control in California rice. For water-seeded protection of conventional rice, provides contact and residual control of yield-impacting weeds. Apply after flooding when rice is in the expanded two-leaf stage (first open leaf). Do not apply if rice exhibits symptoms of stress. Labeled rate: 23.3 lb/A. REI: 7 days. |
| | League® MVP Herbicide | | Barnyardgrass, ducksalad, ricefield bulrush, redstem, smallflower umbrellaplant, sprangletop, watergrass (early), waterhyssop | <i>League MVP</i> is an unbeatable play against sedge, broadleaf, aquatic and grass weeds in water-seeded rice in California. It offers solid preemergence residual foundation defense of your rice yield potential. Labeled rate range: 30–35 lb/A. REI: 12 hours. |
| | Regiment® CA Herbicide | | Arrowhead (California, Gregg's), barnyardgrass, ducksalad, Monochoria, watergrass, waterhyssop | The proven choice when planning a strategy to conquer tough weed problems. Labeled rate range: 0.53–0.8 oz/A. REI: 12 hours. |



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| Plant Growth Regulators | ProGibb® 40% Plant Growth Regulator Water Soluble Granule | X | To promote early-season plant vigor and more uniform seedling growth prior to permanent flood product establishment | Make one to two applications at the 1–2 and/or 4–5 leaf stages of growth. Do not apply prior to the 2–3 leaf stage if gibberellin seed treatment is used. Do not apply when rice is subjected to drought stress conditions. The use of a non-ionic surfactant has been seen to improve uptake. Labeled rate range: 0.1–0.3 oz/A. REI: 4 hours. PHI: 0 days. |
| | ProGibb® LV Plus Plant Growth Regulator Solution | X | Seedling Applications (Early-Season) Rice with NIS or in Tank Mix Combination with Rice Herbicides To promote early-season plant vigor and more uniform seedling growth prior to permanent flood establishment | Make one to two applications at the 1–2 and/or 4–5 leaf stages of growth. Labeled rate range: 0.5–1 fl oz/A. REI: 4 hours. PHI: 0 days. |



Pyganic® Crop Protection EC 1.4_{II} and Pyganic® Crop Protection EC 5.0_{II} are OMRI Listed under MGK for organic production.



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†ProGibb® 40% Plant Growth Regulator Water Soluble Granule, ProGibb® LV Plus Plant Growth Regulator Solution, Pyganic® Crop Protection EC 1.4_{II}, Pyganic® Crop Protection EC 5.0_{II}, and XenTari® Biological Insecticide Dry Flowable are NOP compliant and OMRI Listed for organic production.



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