Vegetable Growers Meeting – Focus on Soil Fertility

UF/IFAS Southwest Florida Research and Education Center
2685 SR-29 N
Immokalee, Florida 34142

April 23, 2020

10:00 AM - Welcome

10:00 AM - Weed management in vegetable production - Efficacy & longevity” – Dr Ramdas Kanissery, Weed Scientist UF/IFAS SWFREC

Description: The presentation will discuss the aspects of effective, long-term and crop-safe weed suppression in vegetable production mostly focusing on tomatoes and peppers. Adopting the right pre-emergent herbicide program would help prolong the weed suppression in row-middle areas. Initial results from an ongoing experiment for nutsedge suppression in vegetable plasticulture beds will be discussed as well.

10:30 AM - Weed Management with Soil Fumigants – Dr Nathan Boyd, Weed Scientist UF/IFAS GCREC

Dr Boyd will discuss the following:

1. Efficacy of different fumigants on weeds
2. The effects of fumigant ratios on weed management
3. Fumigant movement in the soil
4. Broadleaf and grass management with fumigants
5. Techniques to enhance fumigant efficacy, and
6. Integration of fumigants and fallow programs
11:00 AM – Fallow weed management selection to improve nutsedge control in vegetable crops. - Dr Peter Dittmar, Weed Scientist, UF/IFAS Horticulture Department

Description: Nutsedge is the most problematic weed in vegetable crop production. The summer months provide an opportunity to use intense types of weed control such as broad-spectrum herbicides, mechanical methods, and cover crops. Reducing underground tubers is the key for better weed control; glyphosate can translocate to the tubers, cultivation can reduce the tuber’s carbohydrates, and cover crops prevent the production of daughter tubers. A single year of repeat applications of glyphosate or cultivation can reduce nutsedge populations. But applying the treatments for two years requires fewer applications. These fallow management practices are most important during the summer fallow when nutsedge is actively growing. Waiting until the fall is not as effective for nutsedge control. Cover crop canopy structure varies by species, the use of preemergence herbicides can change the amount of control achieved by the system. Fallow weed management is integral in nutsedge control, but the combination of methods can provide greater control.

RUP CEU and CCA credit will be provided.

Join Zoom Meeting

https://ufl.zoom.us/j/831234086

Meeting ID: 831 234 086

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