

## NEWSLETTER

### FIRST SIGHT OF GRASSHOPPERS

The older instars and adult grasshoppers that are present with the April and May temperatures shouldn't bother you. The species listed below hatched last fall and overwintered as nymphs. Their lifecycle should end before economical thresholds are met.

#### Arphia Conserpa Speckled Winged



- Late instar nymphs overwinter and become adults in May/June
- Eggs are laid in mid summer, hatch before fall
- Rarely numerous enough to cause damage

#### Psooessa Delicatula Brownspeckled



- Common throughout the Wyoming rangelands
- Eggs are laid in late May and June
- Hatches start mid July
- Overwinter as nymphs, who are found in April

#### Eritettix Simplex Velvetstriped



- Common in Eastern Wyoming
- Overwinter as nymphs that become adults in May
- Eggs are laid in June
- Hatch in July or August
- Minimal damage to rangelands

#### Pest species

- The grasshoppers (pest species) of concern will be hatching mid May.

#### Using insect growth regulators as a control method

- grasshoppers must feed on the growth regulator and then molt to see affects

#### Critical to treat before reaching the fourth instar

- An instar is the insect between molts
- Grasshoppers have five molts (five instars)
- Must treat within an "instar" stage

**Rule of thumb**

**"If the lilac bushes are blooming then the pest species are hatching."**

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**"A first instar pest species is the size of a uncooked grain of rice."**

Goshen County Weed and Pest has hired a grasshopper technician for Summer 2022. With concerns of high populations or identification of grasshoppers on your property GCWP will offer assistance.

**NOTE: when you see SMALL grasshoppers, give us a call! Timing is everything!**



### WHAT'S NEW ON THE MARKET- VENUE® HERBICIDE

Do you fight against leafy spurge infestations on your rangeland, pastures or other non-cropland?

Venue® is the newest herbicide on the market that is being advertised as "powerful on spurge".



Photo courtesy: Nichino America Inc.

#### Benefits:

- No grazing restrictions
- Low impact on trees & grasses
- Useful method for sucker control in tree rows, vineyards and orchards

#### Application Info:

- Contact herbicide
- Apply late spring/early summer
- 3.5oz/ac on pasture and rangeland

It is recommended to apply Venue® for three consecutive years, once doing so spot spraying applications may be necessary but leafy spurge population will be noticeably decreased.

Contact GCWP office with questions on this newest product!

#### STAY IN THE KNOW

- May 12- GCWP Board Meeting
- May 30 - Memorial Day (office closed)