

# ONION APPLICATION TIMELINE

## Seeded Onion Weed Control

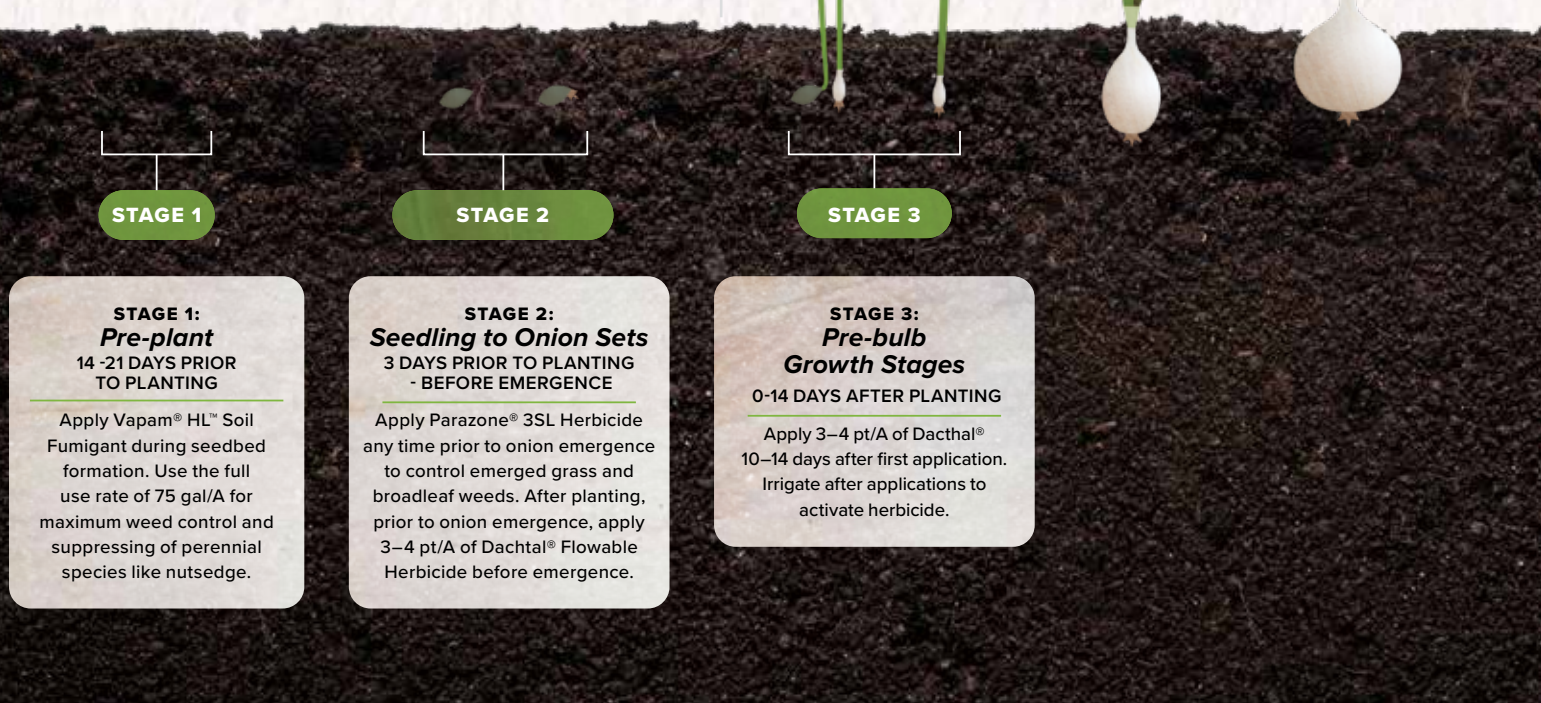
The most effective weed control program for seedbed production begins with a fumigant application of Vapam® HL™. Weeds compete with onions and require a clean seed-bed at planting. Parazone® 3SL Herbicide applied prior to onion emergence will control emerged grass and broadleaf weeds. Apply Dacthal® Flowable after seeding, followed by irrigation for activation to prevent weeds from emerging.

## Fumigation

Vapam HL is a commonly used fumigant in onion production and is applied during seedbed formation. Used at the full use rate of 75 gal/A, Vapam HL controls most broadleaf and grass weeds while suppressing nutsedge species.

## Herbicide Control

Dacthal Flowable is the only preemergence herbicide option for seeded onion. Apply Dacthal Flowable at 6 to 10 pt/A based on soil texture. Avoid high rates when cool conditions follow application as onion stunting can occur. To control multiple flushes, apply Dacthal Flowable at 3 to 4 pt/A before emergence, followed by a sequential application 10 to 14 days later at 3 to 4 pt/A of Dacthal Flowable. Both Dacthal Flowable applications should be followed by irrigation to activate the herbicide.



STAGE 1

STAGE 2

STAGE 3

**STAGE 1:  
Pre-plant**

14 -21 DAYS PRIOR TO PLANTING

Apply Vapam® HL™ Soil Fumigant during seedbed formation. Use the full use rate of 75 gal/A for maximum weed control and suppressing of perennial species like nutsedge.

**STAGE 2:  
Seedling to Onion Sets**

3 DAYS PRIOR TO PLANTING - BEFORE EMERGENCE

Apply Parazone® 3SL Herbicide any time prior to onion emergence to control emerged grass and broadleaf weeds. After planting, prior to onion emergence, apply 3-4 pt/A of Dacthal® Flowable Herbicide before emergence.

**STAGE 3:  
Pre-bulb  
Growth Stages**

0-14 DAYS AFTER PLANTING

Apply 3-4 pt/A of Dacthal® 10-14 days after first application. Irrigate after applications to activate herbicide.

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