

COLORADO Commentary

Onion Crop Growth Stage and Status Last Modified: 09/07/12

Thrips pressure is dropping off as plants mature in Eastern, Southern and Western Regions of the state. Risk Models show that Thrips and IYSV are at Mium to High Risk, while foliar bacterial and fungal threats remain at Medium Risk in most regions due to persistent high temperatures and low moisture conditions.

Weather Impacts (temperature, rain, hail, freezing) Last Modified: 09/07/12

Most regions of the state received little or no rain in the last week. Temperatures have averaged in the mid 80s to low 90s during the day, and mid 50s to low 60s in the evening.

Temperature Outlook* [2 – 4 weeks]: Normal

Precipitation Outlook* [2 – 4 weeks]: Normal

**Courtesy of Planalytics, Inc.*

Insect Scouting, Outlook and Management Last Modified: 09/07/12

Thrips - Populations declining in most fields as plants approach maturity.

Maggots - No reports at this time **Other** – No other reports at this time.

Disease Scouting, Outlook and Management Last Modified: 09/07/12

Iris yellow spot virus - IYSV detected in surveys of seeded onions (trace to more than 75%) sampled in northern and southern regions.

Soil-borne Diseases (Damping Off, Pink Root, Fusarium) - Pink Root and Fusarium basal rot incidence light to moderate in affected fields throughout the state.

Fungal Diseases (purple blotch, downy mildew, Botrytis) - No reports at this time. Late-season fungicide protection of foliage and necks is recommended for storage rot control; combined with good curing of onions in the field and storage.

Bacterial Diseases (Xanthomonas, center rot, soft rots) – Surveys from all regions detected trace soft rot and leaf blight infections. Late-season bactericide protection of foliage and necks is recommended for storage rot control; combined with good curing of onions in the field and storage.

State Contact for Project

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2012 Onion ipmPIPE RISK ASSESSMENT - Summary for Colorado

Risk Code: Low (< 20)

Medium (20 - 30)

High (> 30)

Colorado REGION	2-week Period	Thrips & IYSV	Bacteria - Foliar	Purple Blotch	D. Mildew & Blast	Botrytis Neck Rot
NORTH Ault	May 1-15	28	22	23	22	22
	16-31	29	23	24	21	21
	June 1-15	29	21	21	19	20
	16-30	31	23	19	17	21
	July 1-15	32	25	23	22	23
	16-31	37	27	23	21	21
	Aug 1-15	37	27	23	21	21
	16-31	35	25	27	23	23
	Sept 1-15	35	27	24	22	23
	16-30					
SOUTH R Ford	May 1-15	29	21	21	18	21
	16-31	32	22	20	16	18
	June 1-15	32	23	20	16	17
	16-30	33	24	21	17	18
	July 1-15	34	24	22	20	21
	16-31	37	27	23	21	21
	Aug 1-15	37	27	23	21	21
	16-31	35	25	27	23	23
	Sept 1-15	36	27	24	22	23
	16-30					
WEST Delta	May 1-15	31	21	22	19	19
	16-31	31	22	19	18	18
	June 1-15	33	23	19	17	17
	16-30	33	23	20	18	18
	July 1-15	34	24	22	20	21
	16-31	37	27	23	21	21
	Aug 1-15	37	27	23	21	21
	16-31	35	25	27	23	23
	Sept 1-15	34	28	27	23	24
	16-30					