



United States Department of Agriculture
Natural Resources Conservation Service

2010 Ranking Period 2

Water Quality Enhancement Activity – *WQL13-High Level Integrated Pest Management to Reduce Pesticide Environmental Risk*

ATTACHMENT A – Montana Enhancement Activity Sheet Supplement

High level Integrated Pest Management (IPM) will include the following:

Prevention:

1. Pest-free seeds and transplants
2. Cleaning equipment between fields
3. Irrigation management to prevent disease (irrigated land only).

Avoidance:

1. Pest-resistant varieties
2. Crop rotation
3. Trap crops.

Monitoring:

1. Field scouting
2. Soil testing.

Non-chemical suppression (one or both of the following) will be used to maintain pest below the economic threshold:

1. Cultural (use of grazing animals to suppress weeds, clipping weeds before they go to seed, pulling weeds, crop rotation are some examples of cultural practices)
2. Biological - on Montana croplands, biological control is encouraged but not required.

Chemical suppression will be applied when the pest reaches the economic threshold.

Note: Montana State University does not have any formal IPM Guidelines.