**School Integrated Pest Management: Turfgrass Maintenance**

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Mowing:

* Minimally, once per week during the active growing season (every 2 in the winter)
* Twice per week in the spring and fall on sports fields
* Maintain the turf at a 2 to 3” height
* Return the grass clipping using mulching blades

Fertilization:

* 4 to 6 lbs N per 1,000 sq ft annually
* Fertilizer containing high nitrogen and low phosphorus ratios (e.g. 24-2-12)
* Fertilize 4 times per year, twice in the spring (May and June) and twice in the fall (Sept. and Oct.)
* Returning grass clipping will maximize the applied fertilizer

Irrigation:

* Start irrigation in mid-May and conclude in mid-September.
* Make sure irrigation heads are operational in April, prior to drought stress
* Apply ¼” of water 3 to 5 times per week (east of the Cascades will require daily irrigation)
* Use a rain gauge to determine the runtime required to apply ¼” of water

Cultivation and Inter-seeding:

* Aerify sports field with hollow tine core cultivation in the fall or spring
* Inter-seed thin turfgrass areas in the spring and fall
* Use Perennial ryegrass west of the Cascades
* A mixture of Kentucky bluegrass and perennial ryegrass east of the Cascades

Weed Management:

* Apply broadleaf herbicides in October
* For control of dandelion, plantain and thistle apply products with 2,4-D
* For control of clover, chickweed and daisy apply products with triclopyr
* Do not apply triclopyr in hot weather or when trees and shrubs are leaving out.
* For summer annuals apply pre-emergent herbicides in the (April)

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